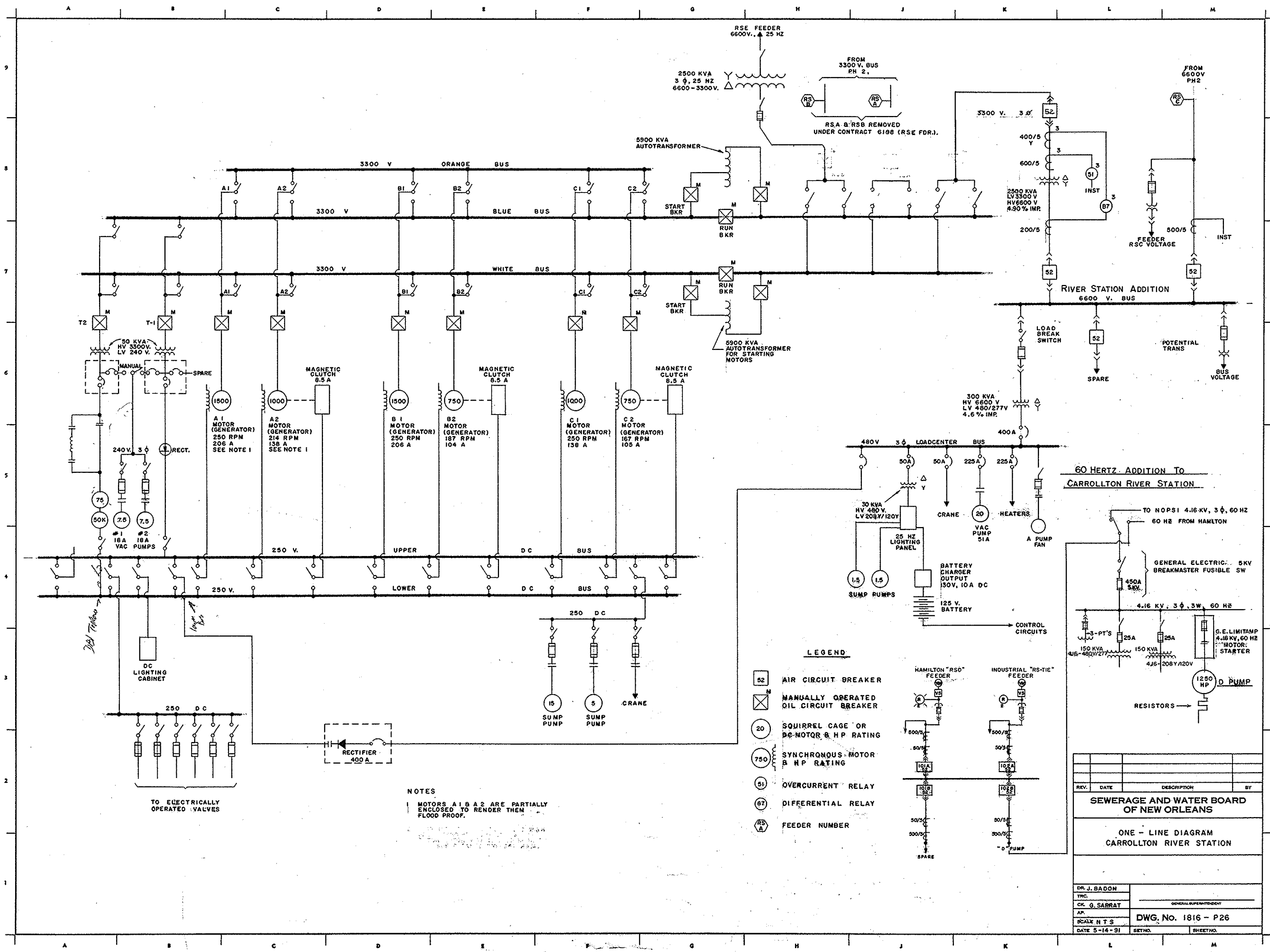


ITEM B-10
BOARD AS-BUILT MAPS FOR FEEDERS IN
CONTRACT 6249

AS-BUILT MAPS FOR FEEDER RS-T6



NOTES
1. MOTORS A1 & A2 ARE PARTIALLY ENCLOSED TO RENDER THEM FLOOD PROOF.

- LEGEND**
- 52 AIR CIRCUIT BREAKER
 - M MANUALLY OPERATED OIL CIRCUIT BREAKER
 - 20 SQUIRREL CAGE OR DC MOTOR & HP RATING
 - 750 SYNCHRONOUS MOTOR & HP RATING
 - 51 OVERCURRENT RELAY
 - 67 DIFFERENTIAL RELAY
 - RS FEEDER NUMBER

60 HERTZ ADDITION TO CARROLLTON RIVER STATION

TO NOPS 1 4.16 KV, 3 φ, 60 HZ
60 HZ FROM HAMILTON

GENERAL ELECTRIC 5KV BREAKMASTER FUSIBLE SW

4.16 KV, 3 φ, 3W, 60 HZ

3-PT'S 25A 25A

150 KVA 4J5-480V/277V 150 KVA 4J6-208Y/120V

G.E. LIMITAMP 4.16 KV, 60 HZ MOTOR STARTER

1250 HP D PUMP

RESISTORS

REV.	DATE	DESCRIPTION	BY

SEWERAGE AND WATER BOARD OF NEW ORLEANS

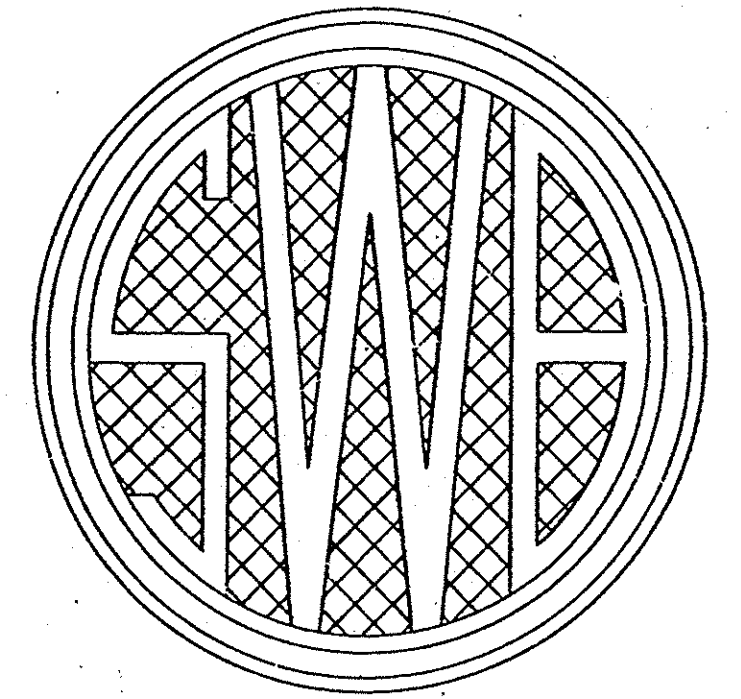
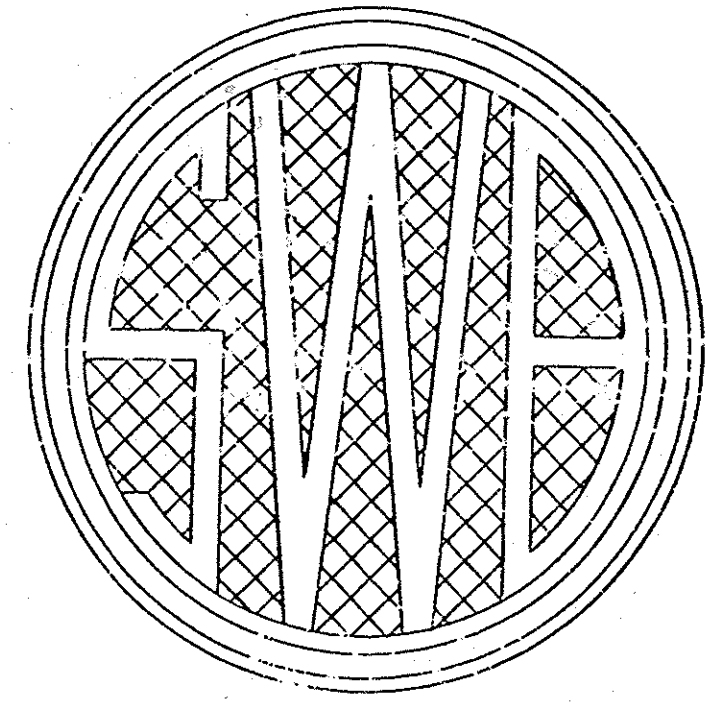
ONE - LINE DIAGRAM CARROLLTON RIVER STATION

DR. J. BADON	
TRC.	
CK. G. SARRAT	
AP.	
SCALE N.T.S.	
DATE 5-14-91	

DWG. No. 1816 - P26

SET NO. SHEET NO.

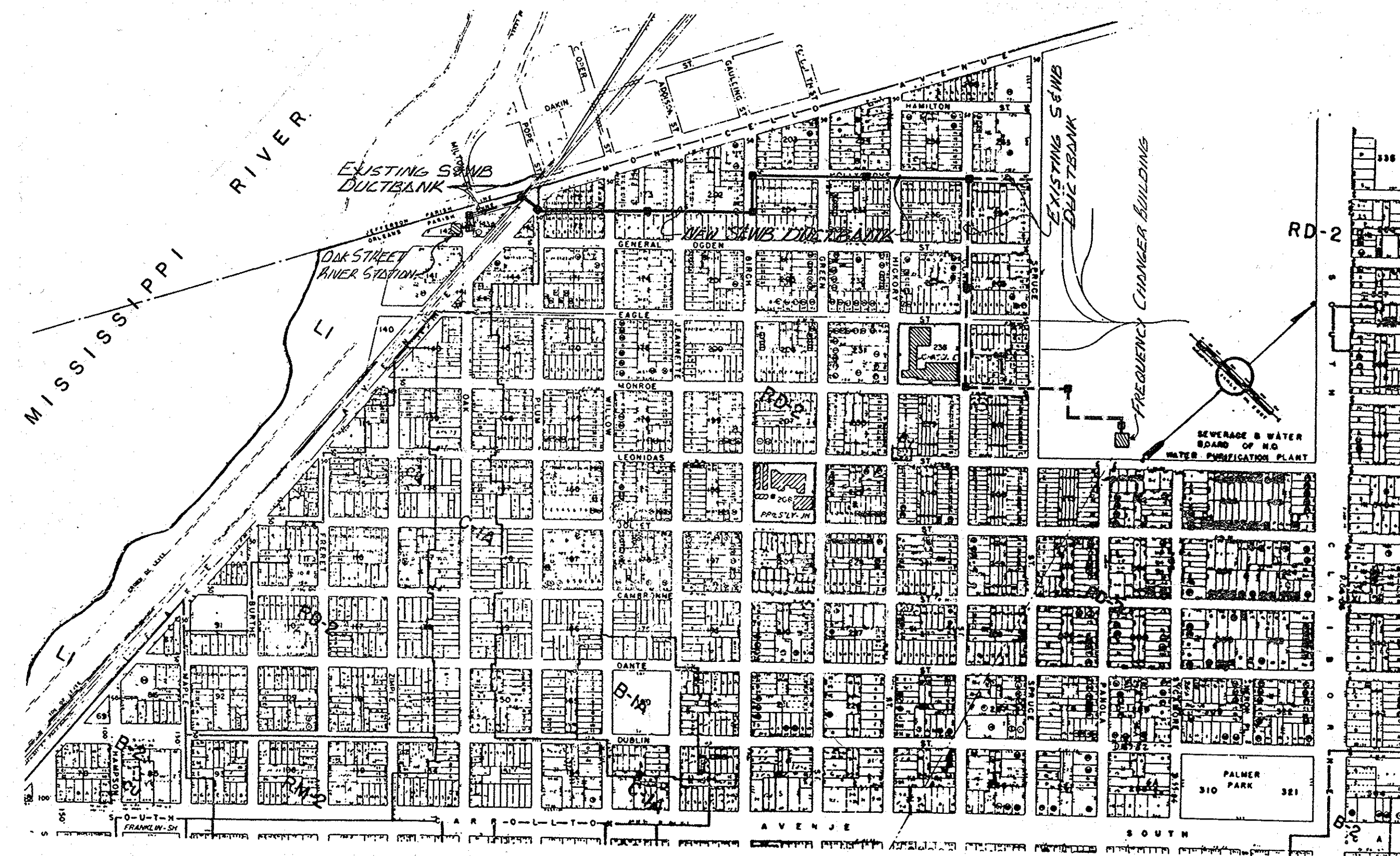
SEWERAGE AND WATER BOARD OF NEW ORLEANS



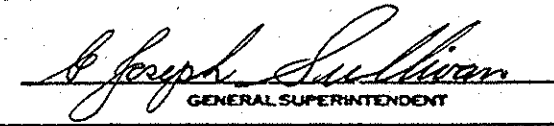
ELECTRICAL ENGINEERING DEPARTMENT

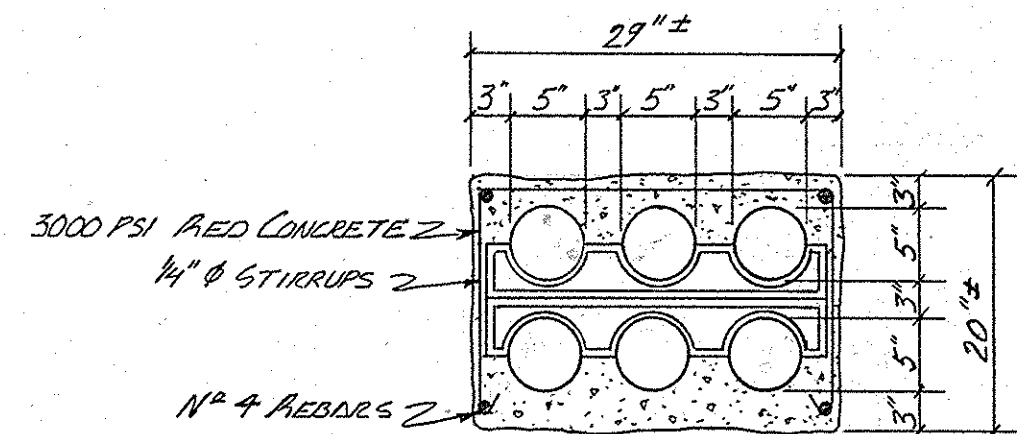
1990 - CONSTRUCTION OF FEEDER "RSE"

CONTRACT N^o: 6198



VICINITY MAP

REV.	DATE	DESCRIPTION	BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
CONTRACT 6198 1990 - CONSTRUCTION OF FEEDER "RSE"			
TITLE SHEET			
DR. D. BELL			
TRC.			
CK. C. Paret			
AP.			
SCALE NONE	DWG. No. 4905 - P0		
DATE 8-29-90	SET NO.	SHEET NO.	



SECTION 'A-A'

SEE DRAWING NO. 1757-P14

4\"/>

NOTES:

- 1- FURNISH AND INSTALL NEW CABLE AS PER SPECIFICATIONS.
- 2- MANHOLE NO 5 SHALL BE DEMOLISHED AND RECONSTRUCTED "IN PLACE" TO NEW INTERIOR DIMENSIONS OF 8'-0" x 4'-0" x 6'-0" DEEP. SEE DWG. NO. 4905-P2.
- 3- UNCOVER, FLUSH, GRAB AND MONDRELL EXISTING 5" CONDUIT PRIOR TO INSTALLATION OF CABLE.
- 4- BEGIN NEW DUCT CONSTRUCTION, MH #5, STA. 18+55.

REV.	DATE	DESCRIPTION	BY
1	2-7-83	CONTRACT 6198 - AS BUILT	G.P.S.
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
CONTRACT 6198 1990 CONSTRUCTION OF FEEDER "RSE"			
EXISTING ELECTRICAL DUCTBANK			
DR. G.P.S.			
TRC			
CH. SHERAT			
AP. DARRATT			
SCALE 1"=20'	DWG. NO. 4905-P1		
DATE 10-22-81	SET NO.	SHEET NO.	

GENERAL NOTES

The Locations Of Underground And Other Nonvisible Utilities Shown Hereon Have Been Determined From Data Either Furnished By The Agencies Controlling Such Data And/or Extracted From Records Made Available To Us By The Agencies Controlling Such Records. Where Found The Surface Features Of Locations Are Shown. The Actual Nonvisible Locations May Vary From Those Shown Hereon. Each Agency Should Be Contacted Relative To The Precise Location Of Its Underground Installation Prior To Any Reliance Upon The Accuracy Of Such Locations Shown Hereon, Including Prior To Excavation And Digging.

20.43' C.D. = 0.00' N.G.V.D.

C.D. = Cairo Datum, N.G.V.D. = National Geodetic Vertical Datum.

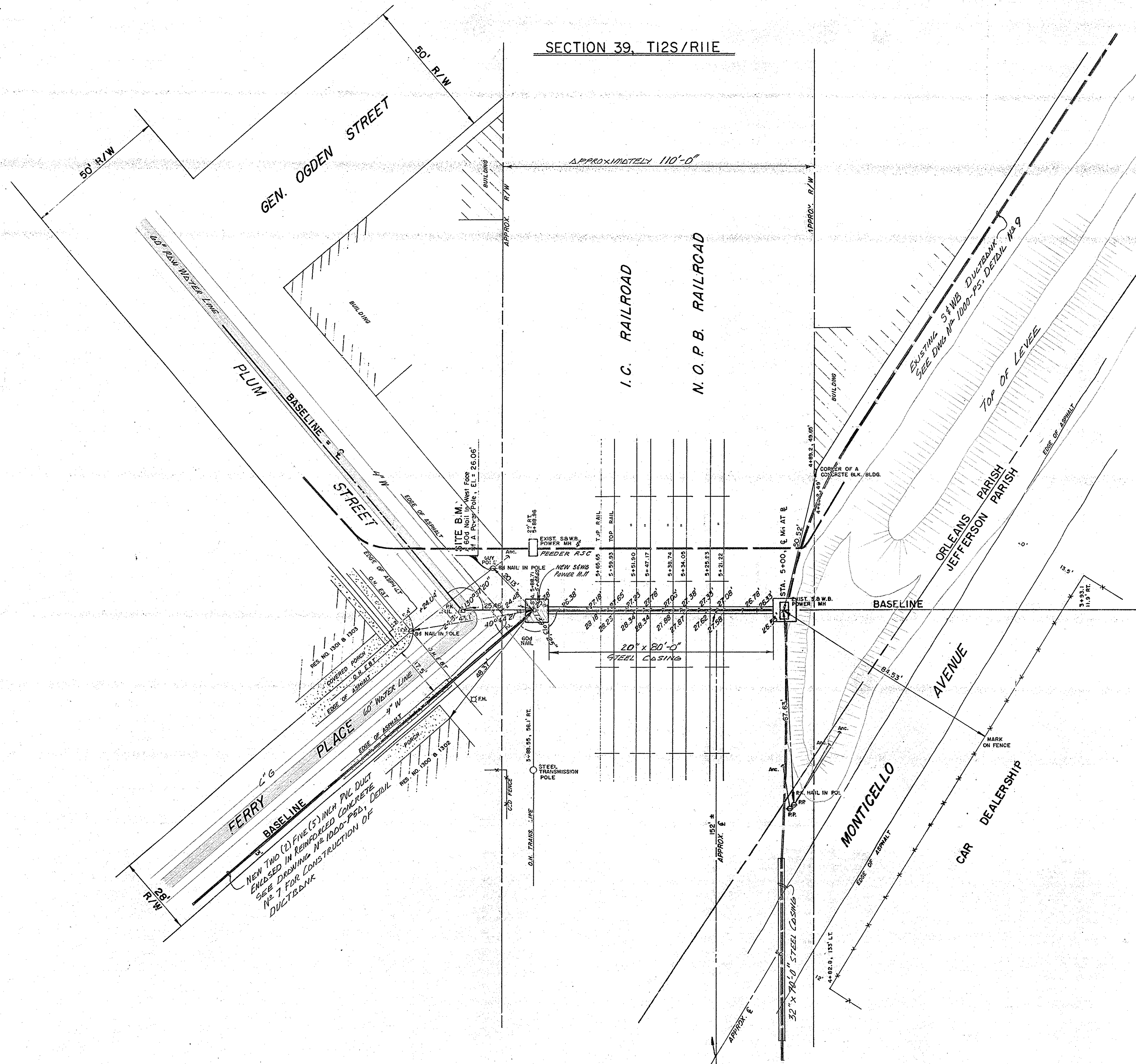
All Elevations Shown Refer To Cairo Datum.

B.M. = Bench Mark, El. = Elevation.

Flood Zone _____, Base Flood El. = _____ N.G.V.D.

REFERENCE B.M. = T-146, El. = 8.12' N.G.V.D.

SECTION 39, T12S/R11E

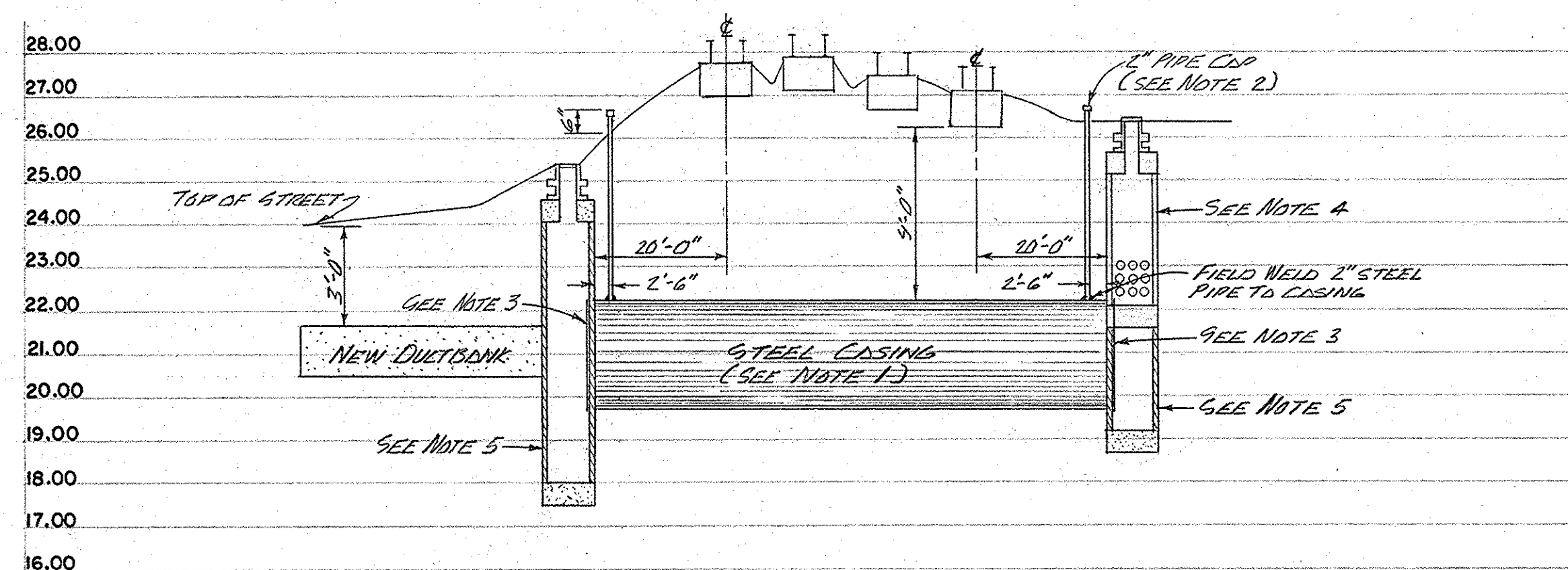


NOTES:

- 1- CONTRACTOR SHALL BORE A TWENTY (20) INCH I.D. 1/2" WALL THICKNESS, STEEL CASING UNDER RAILWAY TRACKS, THEN TWO (2)-FIVE (5) INCH SCHEDULE 40 PVC DUCTS SHALL BE PLACED WITHIN AND CEMENT MORTAR BLOWN INTO CASING AS A SEAL. DEPTH OF CASING SHALL BE AS SHOWN. THE CASING WILL BE BORED FROM THE NORTH SIDE OF I.C. RAILROAD.
- 2- CUT A 2" HOLE IN CASING AND FIELD WELD A 2" STEEL PIPE AS SHOWN FOR PUMPING CEMENT MORTAR INTO CASING. AFTER CASING IS PUMPED AND MORTAR HAS DRIED REMOVE BOTH 2" STEEL PIPES.
- 3- PROVIDE A TEMPLATE TO SEAL CASING AT EACH END AFTER CONDUITS ARE INSTALLED IN ORDER TO PUMP MORTAR.
- 4- EXISTING MANHOLE SHALL BE REMOVED AND REPLACED AS SHOWN TO ACCEPT ENTRANCE OF NEW CASING. EXISTING DUCTBANK SHALL REMAIN AS SHOWN.
- 5- SEE DRAWING N° 1000-PSD STANDARD DETAIL OF CONSTRUCTION ELECTRICAL POWER MANHOLES AND DUCTBANKS.

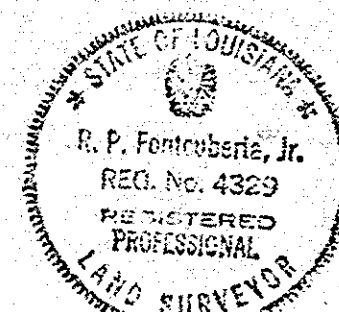
LEGEND

WM	SIGN
WM	WATER METER
WM	WATER VALVE
WM	FIRE HYDRANT
WM	POWER POLE
WM	SEWER MANHOLE
WM	WATER MANHOLE
WM	DRAIN MANHOLE
WM	DRAIN INLET
WM	SEWER LINE
WM	WATER LINE
WM	DRAIN LINE
WM	GAS LINE
WM	SHELLS
WM	CONCRETE
WM	ASPHALT
WM	ELECTRIC LINE
WM	ELECTRIC & TELE. LINE
WM	CATCH BASIN
WM	TELE. MANHOLE
WM	TELE. LINE
WM	FENCE
WM	RAILROAD TRACK
WM	LIGHT POLE or TRAFFIC LT.
WM	ELECTRIC MANHOLE
WM	STORM DRAIN
WM	WATER METER
WM	GAS VALVE
WM	GROUND SHOT ELEVATIONS

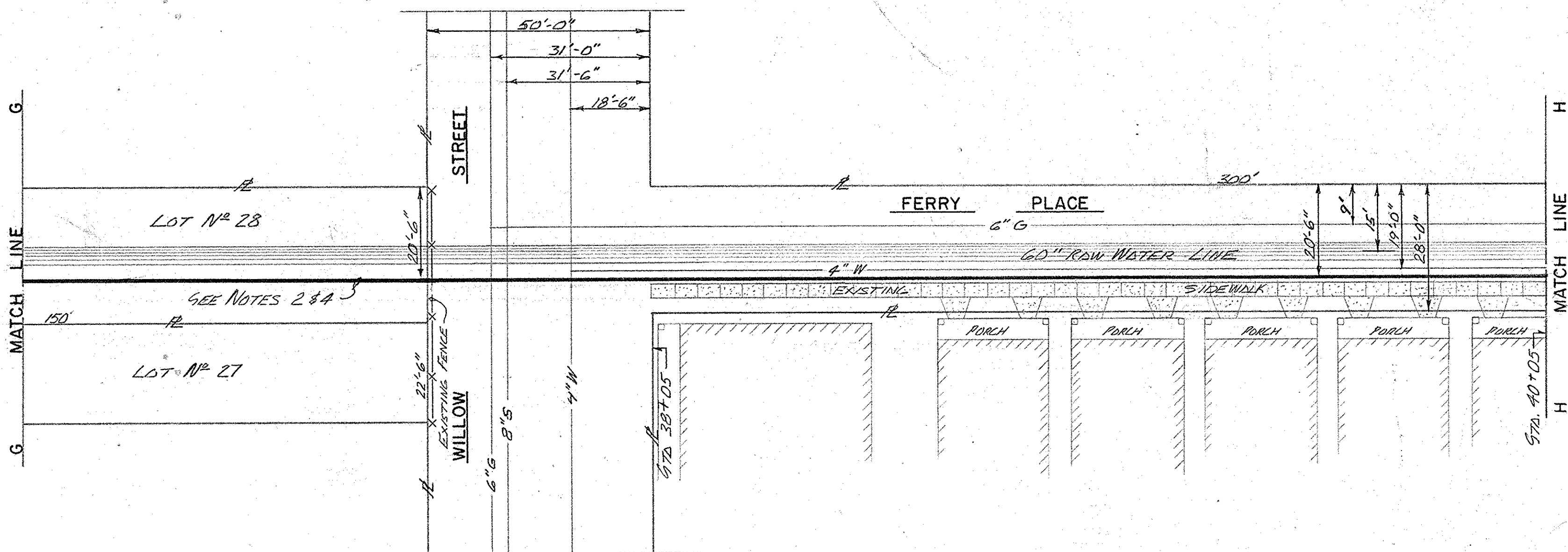



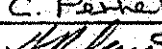
PROFILE SCALE 1"=20' HORIZONTAL
1"=3'-0" VERTICAL

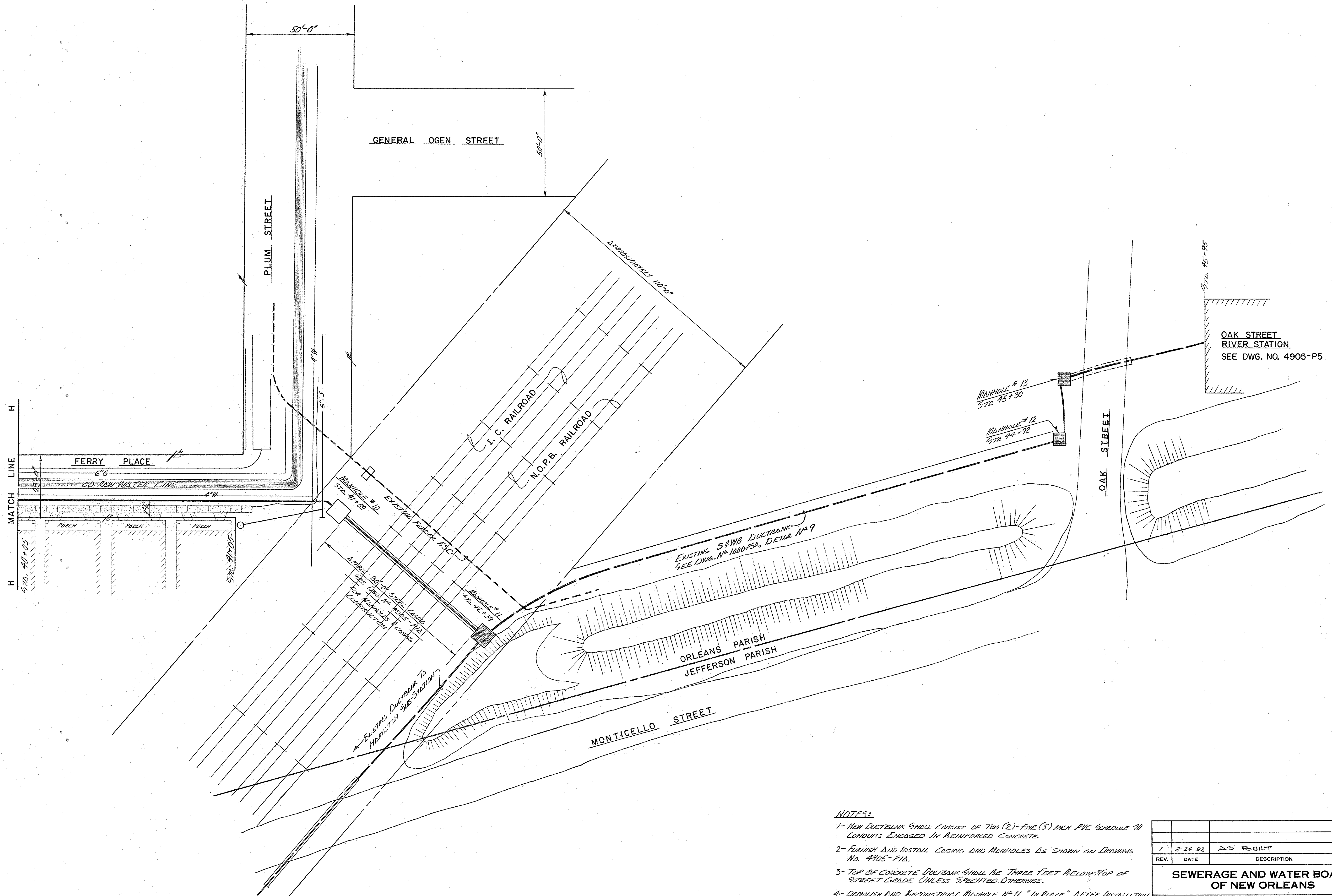
R. P. Fontenberta, Jr.
REGISTERED PROFESSIONAL LAND SURVEYOR
R. P. FONTENBERTA, JR. - PRESIDENT



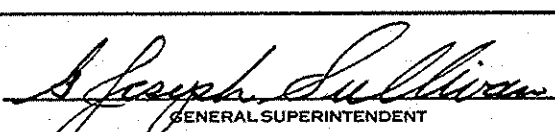
REV.	DATE	DESCRIPTION	B.
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
CONTRACT 6198 1990 CONSTRUCTION OF FEEDER RSE			
CASING CROSSING UNDER I.C. AND N.O.P.B. RAILROADS			
DR. E.W.R. w/BFM Corp.		D.R.B.	
C. C. P. P. P.		C. C. P. P. P.	
AP. 1/22/90		DWG. No. 4905 - PIA	
SCALE 1" = 20.0'		DATE 1/22/90	
KENNER, LA 70062		SHEET NO.	
(504) 468-8800		M (M-144)	

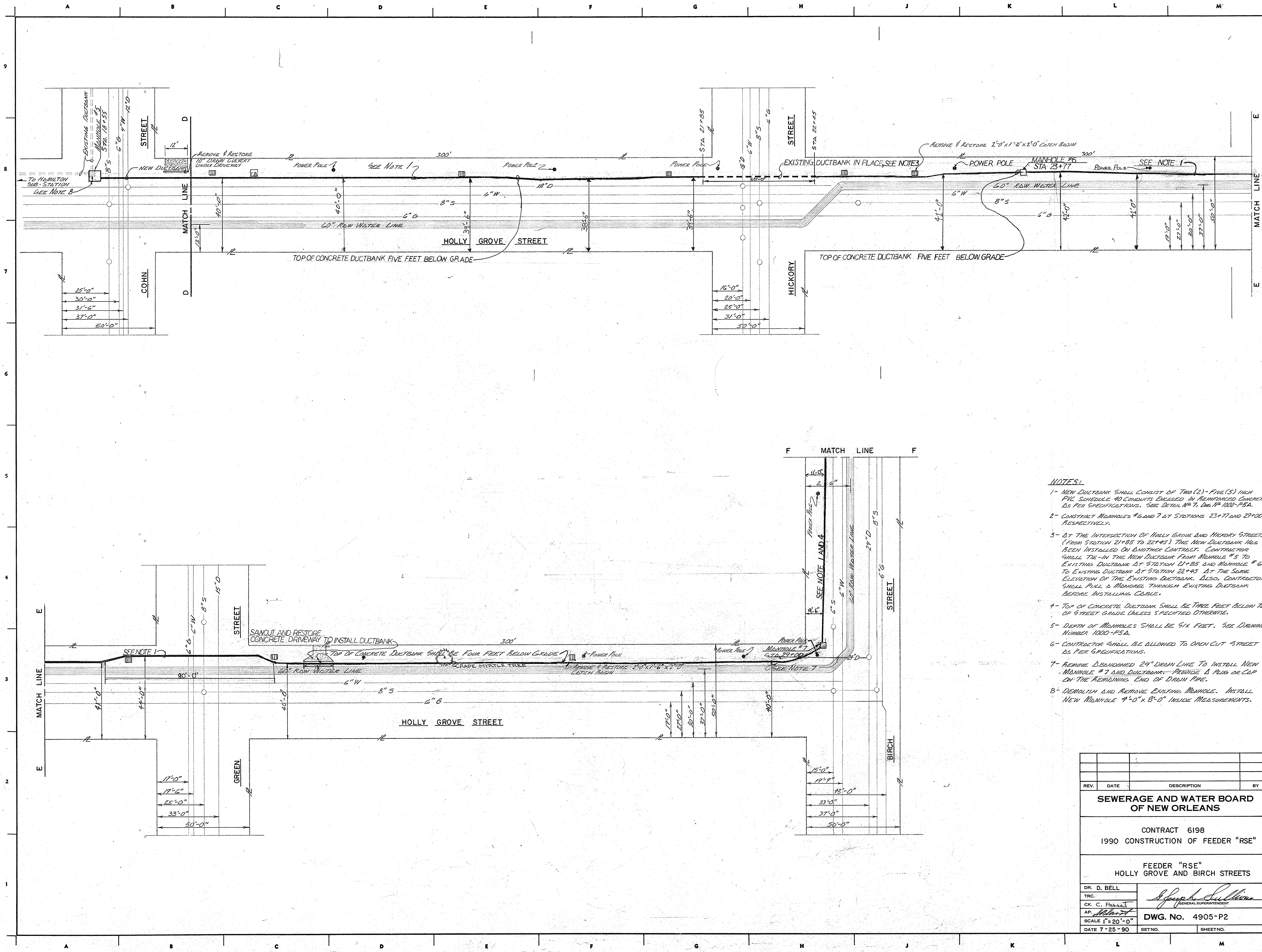


- | 1 | | | |
|---|---------|---|--------|
| | | | |
| 1 | 2-24-94 | | J.L.B. |
| REV. | DATE | DESCRIPTION | BY |
| SEWERAGE AND WATER BOARD
OF NEW ORLEANS | | | |
| CONTRACT 6198
1990 CONSTRUCTION OF FEEDER "RSE" | | | |
| FEEDER "RSE"
BIRCH STREET, S&WB R/W & FERRY PLACE | | | |
| DR. D. BELL | | 
GENERAL SUPERINTENDENT | |
| TRC. | | | |
| CK C. Paster | | | |
| AP.  | | DWG. NO. 4905-P3 | |
| SCALE 1"=20'-0" | | | |
| DATE 7-25-90 | | | |
| SET NO. | | SHEET NO. | |

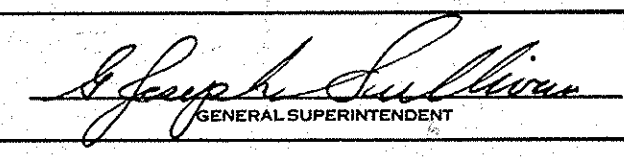


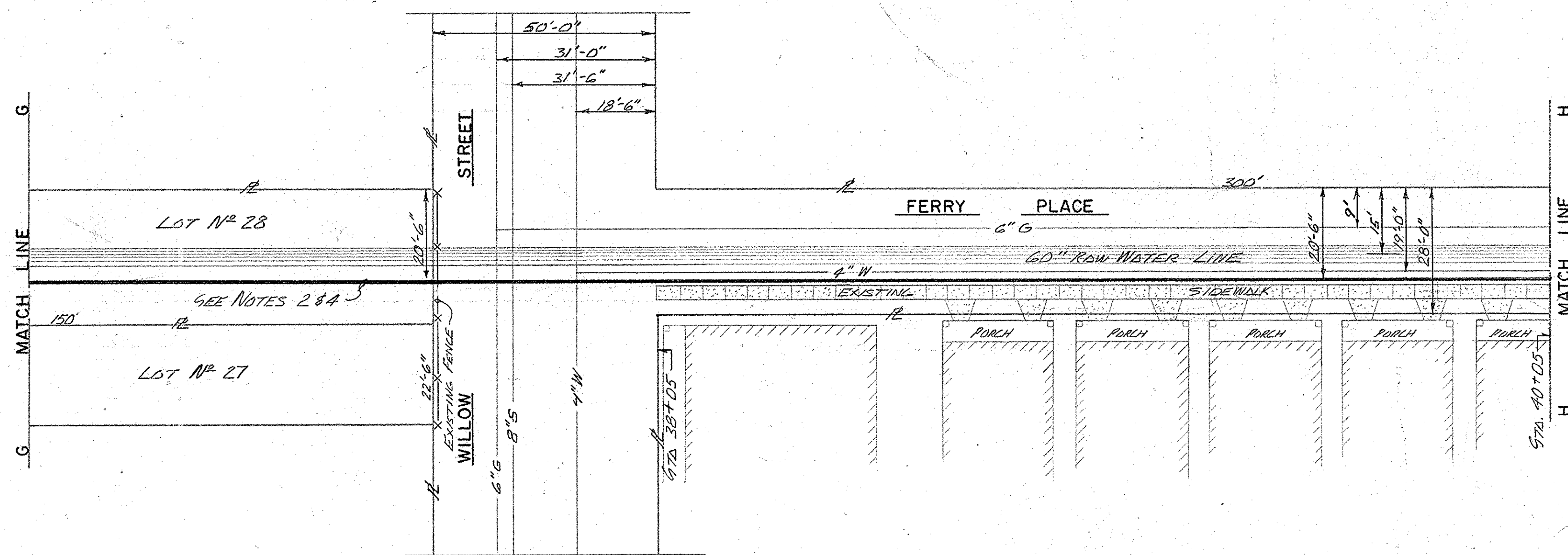
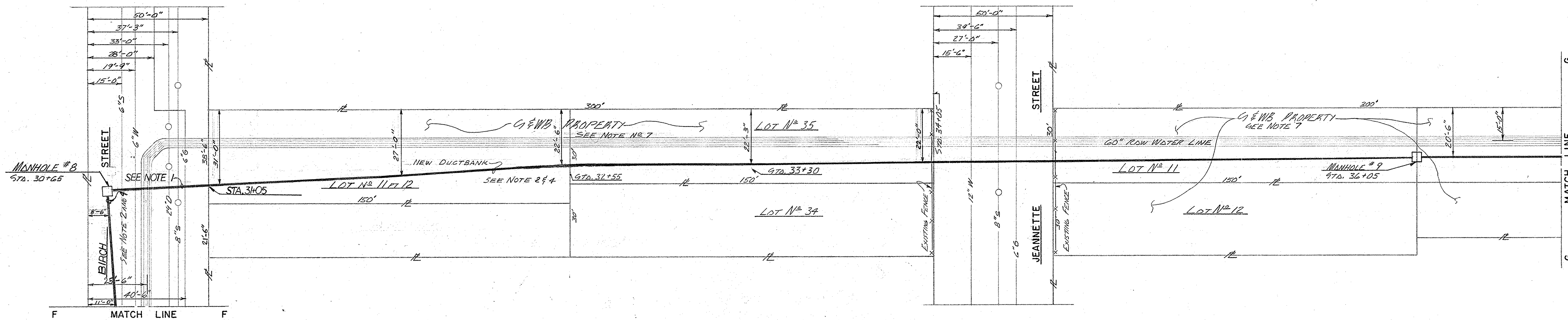
- NOTES:**
- 1- NEW DUCTBANK SHALL CONSIST OF TWO (2)-FIVE (5) INCH PVC SCHEDULE 40 CONDUITS EMBEDDED IN REINFORCED CONCRETE.
 - 2- FURNISH AND INSTALL CASING AND MANHOLES AS SHOWN ON DRAWING NO. 4905-P1A.
 - 3- TOP OF CONCRETE DUCTBANK SHALL BE THREE FEET BELOW TOP OF STREET GRADE UNLESS SPECIFIED OTHERWISE.
 - 4- DEMOLISH AND RECONSTRUCT MANHOLE NO. 11 "IN PLACE" AFTER INSTALLATION OF CASING PIPE AND CONDUITS.

1	2 28 92	AS BUILT		J.L.B.
REV.	DATE	DESCRIPTION		BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS				
CONTRACT 6198 1990 CONSTRUCTION OF FEEDER "RSE"				
FEEDER "RSE" FERRY PLACE, R/R CROSSING AND OAK STREET				
DR. D. BELL		 GENERAL SUPERINTENDENT		
TRC.				
CK. C. <i>Point</i>				
AP. <i>J. L. Bell</i>				
SCALE 1" = 20' - 0"		DWG. No. 4905 - P4		
DATE 7-25-90		SET NO.	SHEET NO.	



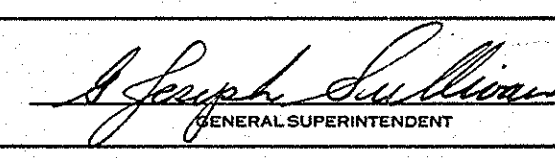
- NOTES:
- 1- NEW DUCTBANK SHALL CONSIST OF TWO (2) FIVE (5) INCH FIVE SCHEDULE 40 CONDUITS ENCASED IN REINFORCED CONCRETE AS PER SPECIFICATIONS. SEE DETAIL #7, DWG. # 1000-PSA.
 - 2- CONSTRUCT MANHOLES #6 AND 7 AT STATIONS 23+77 AND 29+00 RESPECTIVELY.
 - 3- AT THE INTERSECTION OF HOLLY GROVE AND HICKORY STREETS (FROM STATION 21+85 TO 22+45) THE NEW DUCTBANK HAS BEEN INSTALLED ON ANOTHER CONTRACT. CONTRACTOR SHALL TIE-IN THE NEW DUCTBANK FROM MANHOLE #5 TO EXISTING DUCTBANK AT STATION 21+85 AND MANHOLE #6 TO EXISTING DUCTBANK AT STATION 22+45. AT THE SAME ELEVATION OF THE EXISTING DUCTBANK. ALSO, CONTRACTOR SHALL PULL A MANHOLE THROUGH EXISTING DUCTBANK BEFORE INSTALLING CABLE.
 - 4- TOP OF CONCRETE DUCTBANK SHALL BE THREE FEET BELOW TOP OF STREET GRADE UNLESS SPECIFIED OTHERWISE.
 - 5- DEPTH OF MANHOLES SHALL BE SIX FEET. SEE DRAWING NUMBER 1000-PSA.
 - 6- CONTRACTOR SHALL BE ALLOWED TO OPEN CUT STREET AS PER SPECIFICATIONS.
 - 7- REMOVE ABANDONED 24" DRAIN LINE TO INSTALL NEW MANHOLE #7 AND DUCTBANK. PROVIDE A PLUG OR CAP ON THE REMAINING END OF DRAIN PIPE.
 - 8- DEMOLISH AND REMOVE EXISTING MANHOLE. INSTALL NEW MANHOLE 4'-0" x 8'-0" INSIDE MEASUREMENTS.

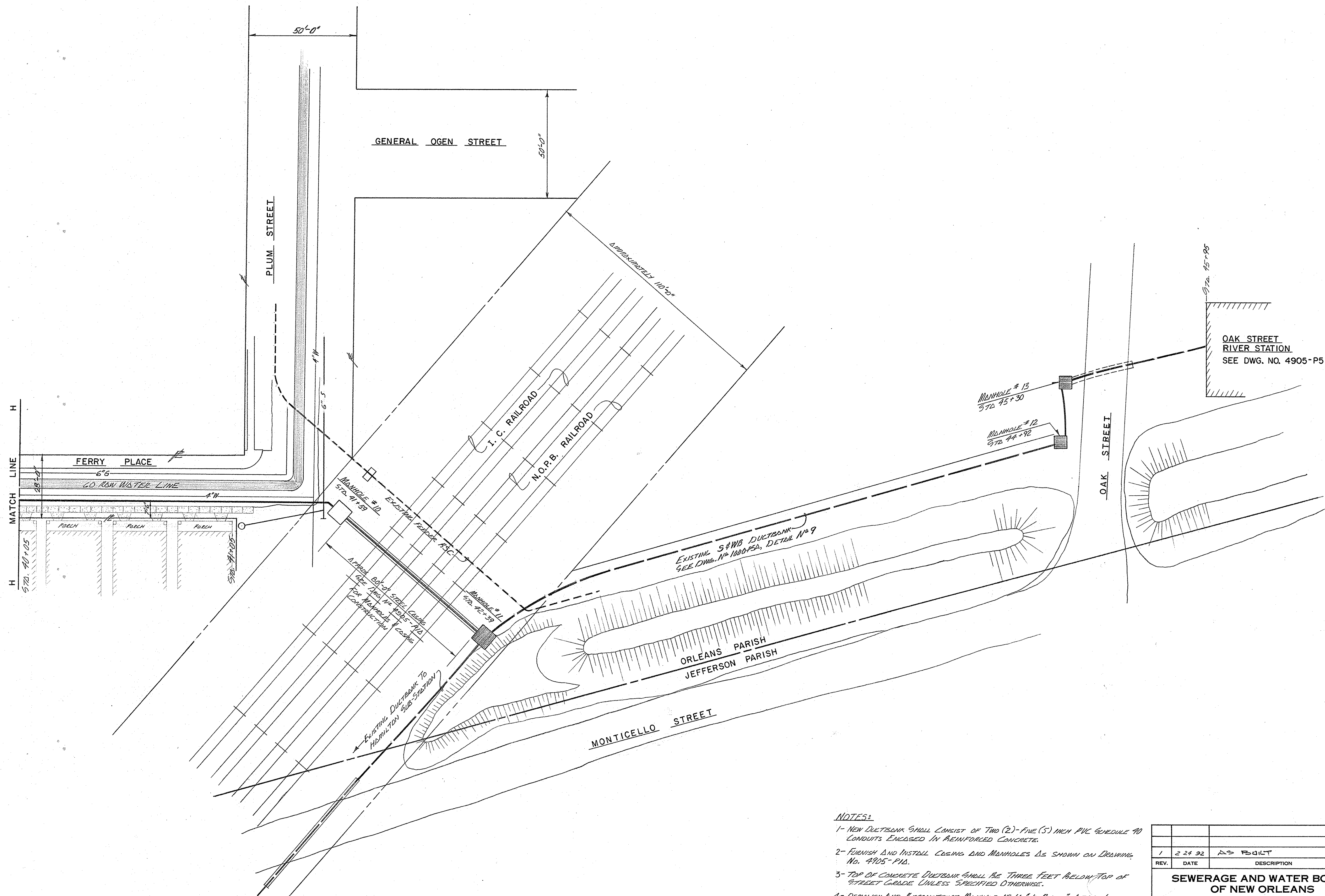
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
CONTRACT 6198 1990 CONSTRUCTION OF FEEDER "RSE"			
FEEDER "RSE" HOLLY GROVE AND BIRCH STREETS			
DR. D. BELL			
TRC.			
CK. C. Paine			
AP. [Signature]			
SCALE 1"=20'-0"	DWG. No. 4905-P2		
DATE 7-25-90	SETNO.	SHEETNO.	



NOTES:

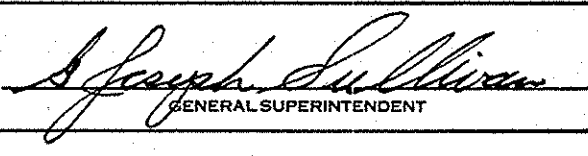
- 1- NEW DUCTBANK SHALL CONSIST OF TWO (2) FIVE (5) INCH GALVANIZED STEEL CONDUITS ENCASED IN REINFORCED CONCRETE BETWEEN STATIONS 30+65 AND 31+05. SEE DETAIL #7, DWG. # 1000-PSD.
- 2- NEW DUCTBANK SHALL CONSIST OF TWO (2) FIVE (5) INCH PVC SCHEDULE 40 CONDUITS ENCASED IN REINFORCED CONCRETE AS PER SPECIFICATIONS. SEE DETAIL #7, DWG. # 1000-PSA.
- 3- CONSTRUCT MANHOLES #8 AND #9 AT STATION 30+65 AND 36+05 RESPECTIVELY.
- 4- TOP OF CONCRETE DUCTBANK SHALL BE THREE FEET BELOW TOP OF STREET GRADE UNLESS SPECIFIED OTHERWISE.
- 5- DEPTH OF MANHOLES SHALL BE SIX FEET. SEE DRAWING # 1000-PSA.
- 6- CONTRACTOR SHALL BE ALLOWED TO OPEN-CUT STREET AS PER SPECIFICATIONS.
- 7- FERTILIZE AND REED EXCAVATED AREAS AS PER SPECIFICATIONS.
- 8- CONTRACTOR SHALL NOT BE ALLOWED TO LEAVE ANY SECTION OF TRENCH OPEN MORE THAN EIGHT HOURS BETWEEN STATION 31+05 TO 34+05 (S&WB R/W) AND STATION 38+05 TO 41+05 (FERRY PLACE) SEE DRAWING # 4905-P4.

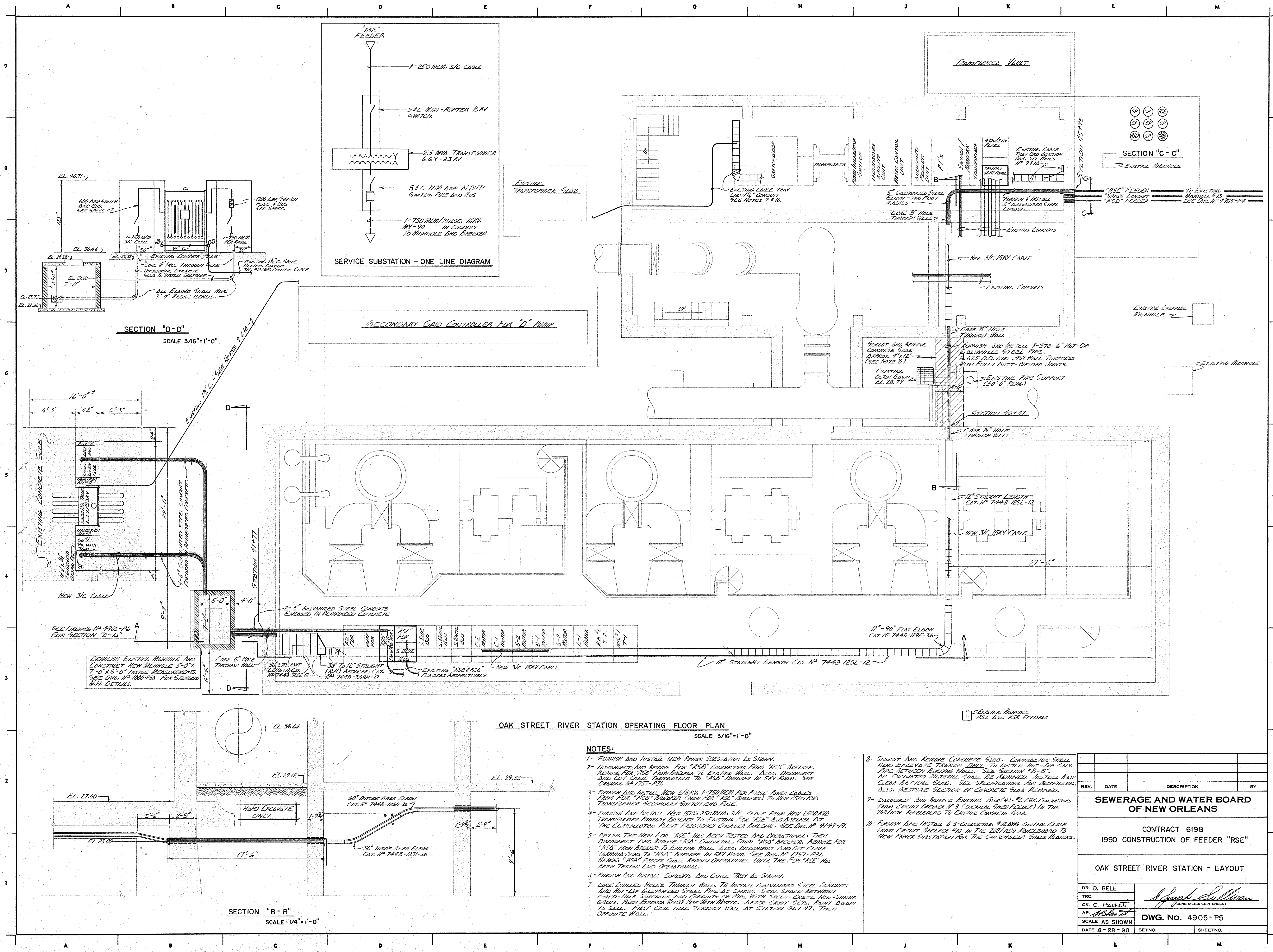
REV.	DATE	DESCRIPTION	BY
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SEWERAGE AND WATER BOARD OF NEW ORLEANS			
CONTRACT 6198 1990 CONSTRUCTION OF FEEDER "RSE"			
FEEDER "RSE" BIRCH STREET, S&WB R/W & FERRY PLACE			
DR. D. BELL	 GENERAL SUPERINTENDENT		
TRC.			
CK. C. P. H. H.			
AP. M. H. H.			
SCALE 1"=20'-0"		DWG. NO. 4905-P3	
DATE 7-25-90	SETNO.	SHEETNO.	



NOTES:

- 1- NEW DUCTBANK SHALL CONSIST OF TWO (2) - FIVE (5) INCH PVC SCHEDULE 40 CONDUITS ENCASED IN REINFORCED CONCRETE.
- 2- FURNISH AND INSTALL CASING AND MANHOLES AS SHOWN ON DRAWING No. 4905-P10.
- 3- TOP OF CONCRETE DUCTBANK SHALL BE THREE FEET BELOW TOP OF STREET GRADE UNLESS SPECIFIED OTHERWISE.
- 4- DEMOLISH AND RECONSTRUCT MANHOLE NO. 11 "IN PLACE" AFTER INSTALLATION OF CASING PIPE AND CONDUITS.

REV.	DATE	DESCRIPTION	BY
1	2-24-92	AS BUILT	J.L.B.
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
CONTRACT 6198 1990 CONSTRUCTION OF FEEDER "RSE"			
FEEDER "RSE" FERRY PLACE, R/R CROSSING AND OAK STREET			
DR. D. BELL			
TRC			
CK. C. Bell			
AP. J. Bell			
SCALE 1"=20'-0"		DWG. NO. 4905-P4	
DATE 7-25-90	SET NO.	SHEET NO.	



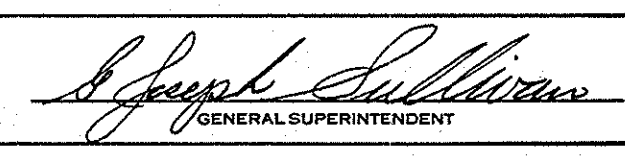
OAK STREET RIVER STATION OPERATING FLOOR PLAN

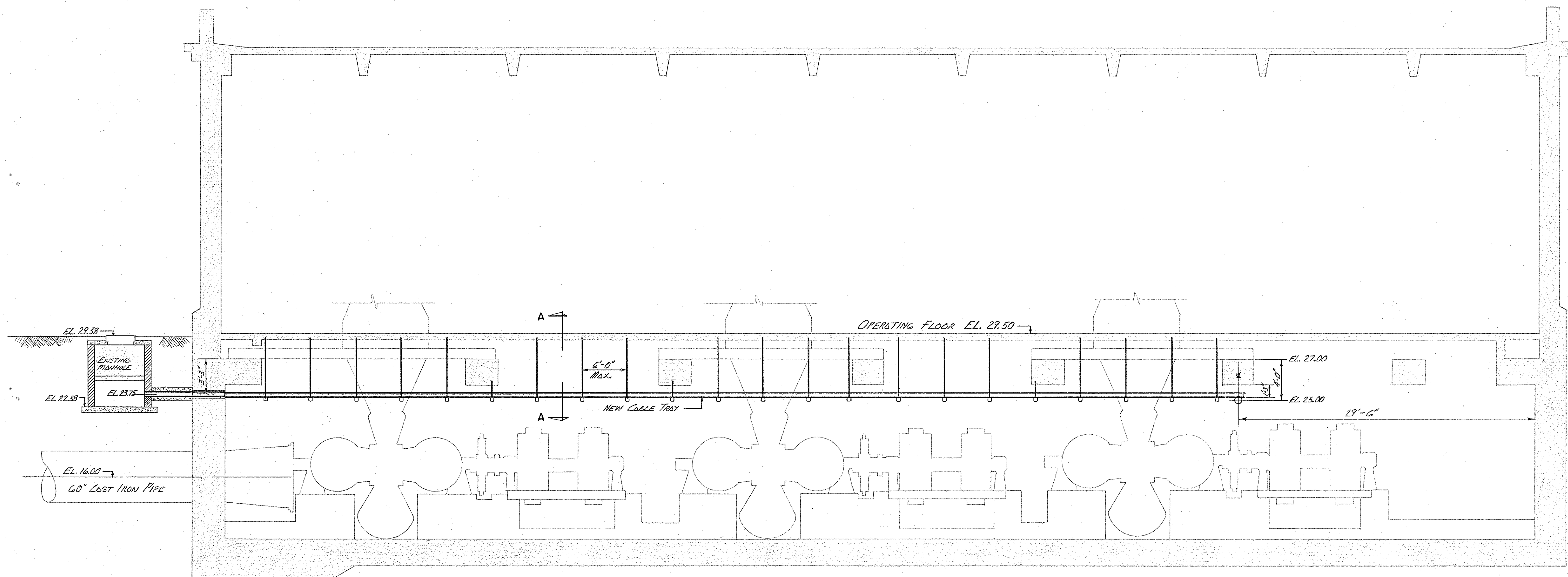
SCALE 3/16"=1'-0"

NOTES:

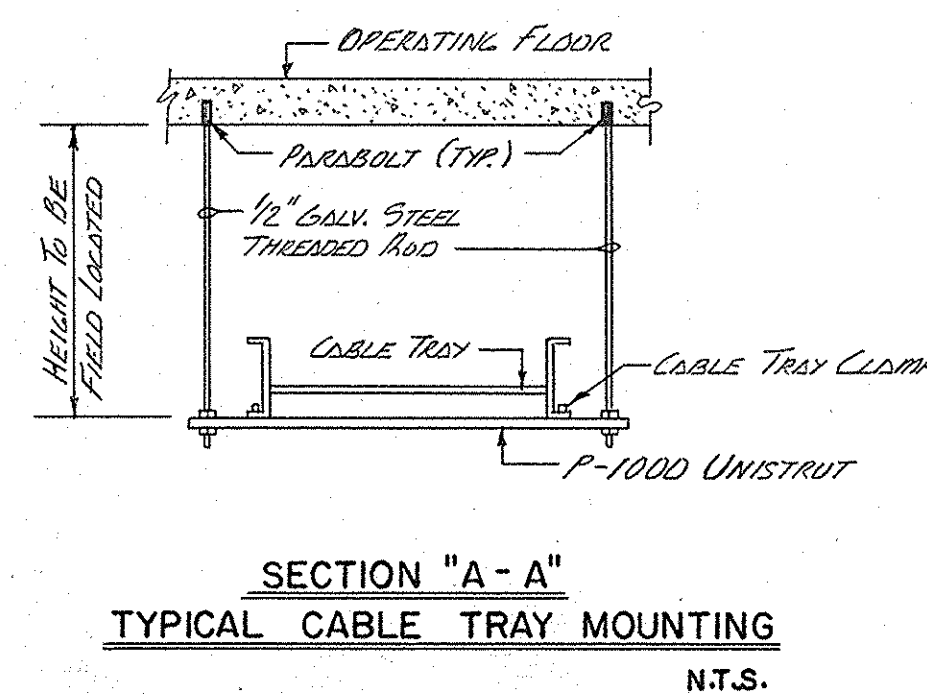
- 1- FURNISH AND INSTALL NEW POWER SUBSTATION AS SHOWN.
- 2- DISCONNECT AND REMOVE FOR "RSE" CONDUITS FROM "RSE" BREAKER. REMOVE FOR "RSE" FROM BREAKER TO EXISTING WALL. ALSO DISCONNECT AND CUT CABLE TERMINATIONS TO "RSE" BREAKER IN SKY ROOM. SEE DRAWING NO. 1757-P31.
- 3- FURNISH AND INSTALL NEW 5/8" DIA. 1-750 MCM PER PHASE POWER CABLES FROM FOR "RSE" BREAKER (NEW FOR "RSE" BREAKER) TO NEW 2500 KVA TRANSFORMER SECONDARY SWITCH AND FUSE.
- 4- FURNISH AND INSTALL NEW 15KV 2500 MCM 3/C CABLE FROM NEW 2500 KVA TRANSFORMER PRIMARY BREAKER TO EXISTING FOR "RSE" BUS BREAKER AT THE LABORATORY PLANT FREQUENCY CHANGER BUILDING. SEE DWG. NO. 4149-P4.
- 5- AFTER THE NEW FOR "RSE" HAS BEEN TESTED AND OPERATIONAL, THEN DISCONNECT AND REMOVE "RSE" CONDUITS FROM "RSE" BREAKER. REMOVE FOR "RSE" FROM BREAKER TO EXISTING WALL. ALSO DISCONNECT AND CUT CABLE TERMINATIONS TO "RSE" BREAKER IN SKY ROOM. SEE DWG. NO. 1757-P31. HOWEVER "RSE" FEEDER SHALL REMAIN OPERATIONAL UNTIL THE FOR "RSE" HAS BEEN TESTED AND OPERATIONAL.
- 6- FURNISH AND INSTALL CONDUITS AND CABLE TRAY AS SHOWN.
- 7- CORE DRILLED HOLES THROUGH WALLS TO INSTALL GALVANIZED STEEL CONDUITS AND 1/2" DIA GALVANIZED STEEL PIPE AS SHOWN. SEAL SPACE BETWEEN CORED-HOLE SURFACES AND CONDUITS OR PIPE WITH SPEED-SETTE. NON-SHOWN GRUNT. POINT EXTERIOR WALLS PIPE WITH MASTIC. AFTER GRUNT SETS, POINT AGAIN TO SEAL. FIRST CORE HOLE THROUGH WALL AT STATION #46+47, THEN OPPOSITE WALL.

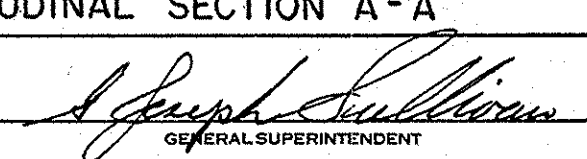
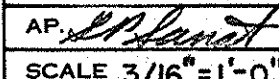
- 8- SAWCUT AND REMOVE CONCRETE SLAB. CONTRACTOR SHALL HAND EXCAVATE TRENCH ONLY TO INSTALL HOT-DIP GALV. PIPE BETWEEN BUILDING WALLS. SEE SECTION 28-B". ALL EXCAVATED MATERIAL SHALL BE REMOVED. INSTALL NEW CLEAR BATTURE SAND. SEE SPECIFICATIONS FOR BACKFILLING. ALSO, RESTORE SECTION OF CONCRETE SLAB REMOVED.
- 9- DISCONNECT AND REMOVE EXISTING FOUR (4) 1/2" DIA CONDUITS FROM CIRCUIT BREAKER #3 (CHEMICAL SHED FEEDER) IN THE 208/120V PANELBOARD TO EXISTING CONCRETE SLAB.
- 10- FURNISH AND INSTALL 3-CONDUCTOR, #2 AWG CONTROL CABLE FROM CIRCUIT BREAKER #40 IN THE 208/120V PANELBOARD TO NEW POWER SUBSTATION FOR THE SWITCHGEAR SOURCE FEEDERS.

REV.	DATE	DESCRIPTION	BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
CONTRACT 6198 1990 CONSTRUCTION OF FEEDER "RSE"			
OAK STREET RIVER STATION - LAYOUT			
DR. D. BELL			
TRC.			
CK. C. Fournier			
AP. [Signature]			
SCALE AS SHOWN		DWG. No. 4905-P5	
DATE 8-28-90	SETNO.		SHEETNO.

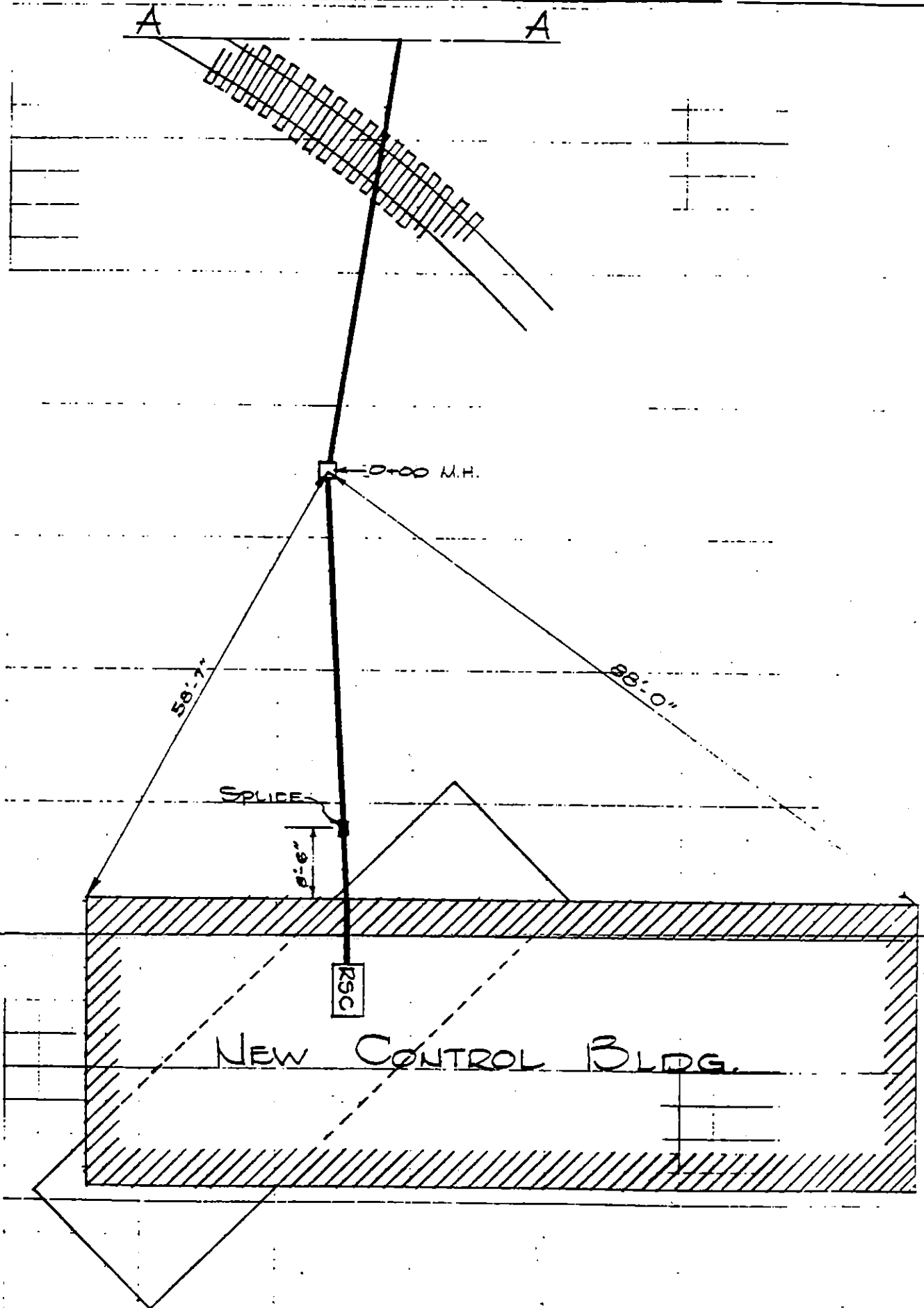


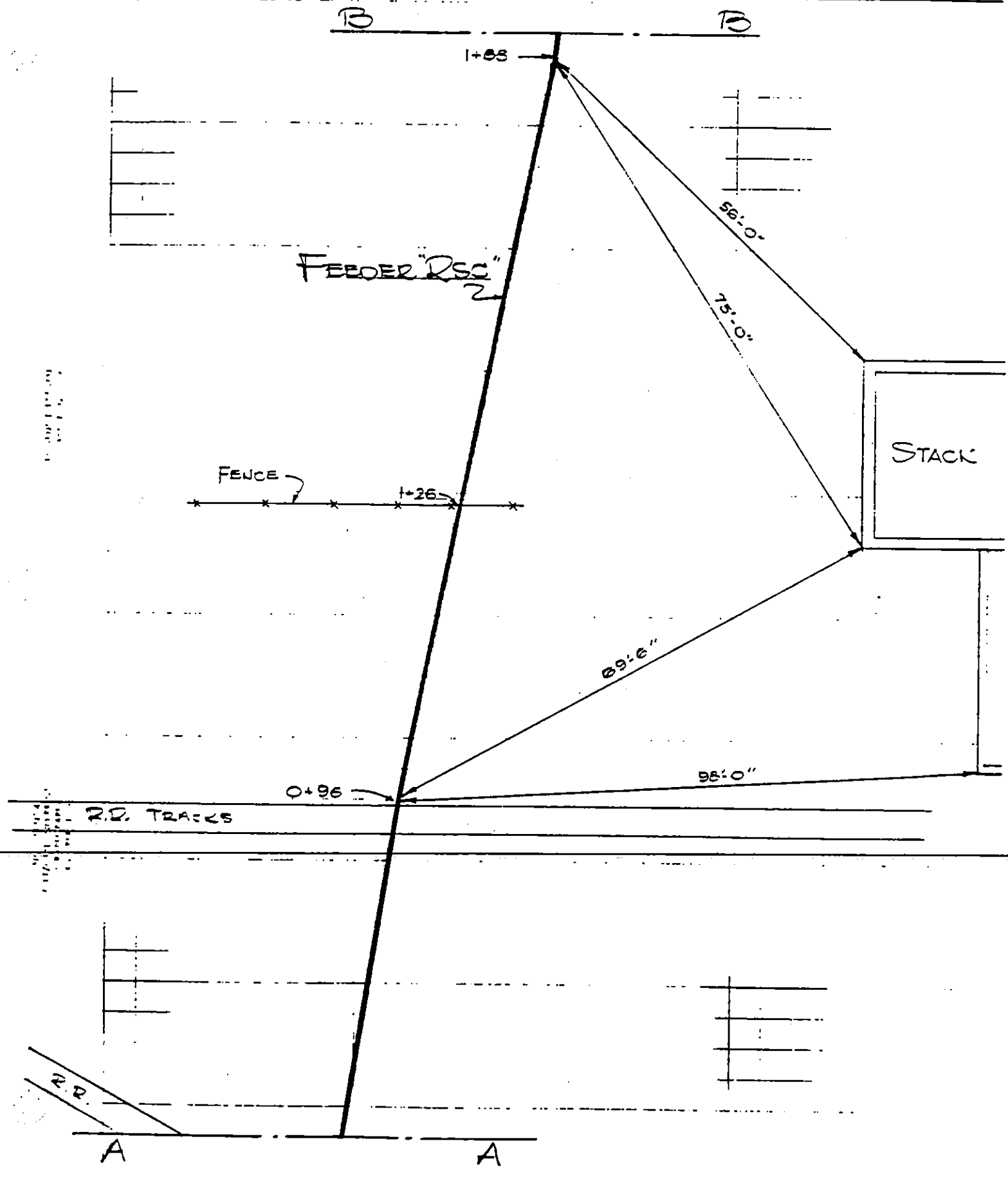
LONGITUDINAL SECTION "A - A" | SEE SHEET 4905-P5
SCALE 3/16"=1'-0"

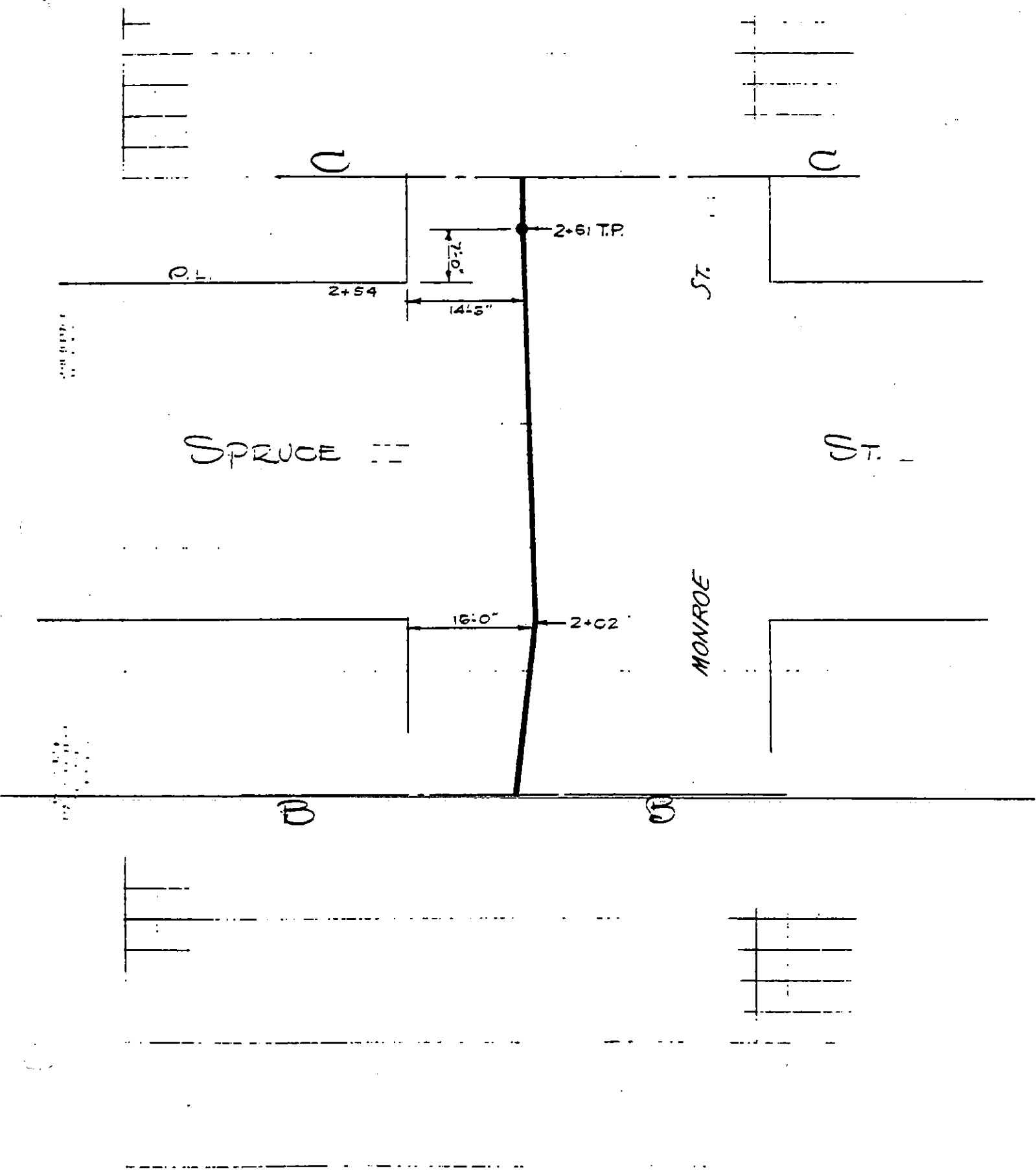


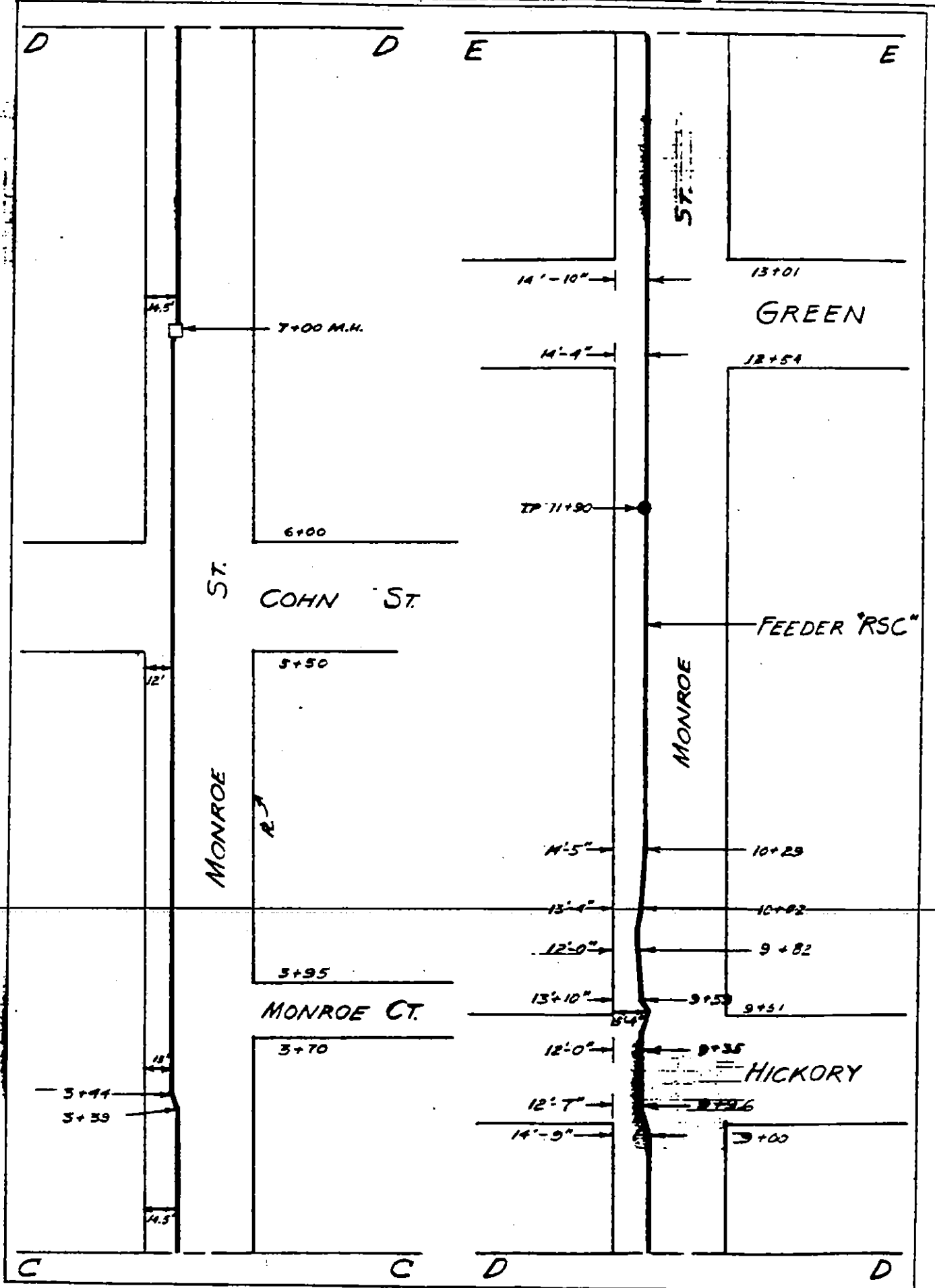
REV.	DATE	DESCRIPTION	BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
CONTRACT 6198 1990 - CONSTRUCTION OF FEEDER "RSE"			
LOW LIFT RIVER PUMPING STATION LONGITUDINAL SECTION "A-A"			
DR. D. BELL	 GENERAL SUPERINTENDENT		
TRC.			
CK. C. Paniel			
AP. 			
DATE 8-29-90	SET NO.	DWG. NO. 4905 - P6	
		SHEET NO.	

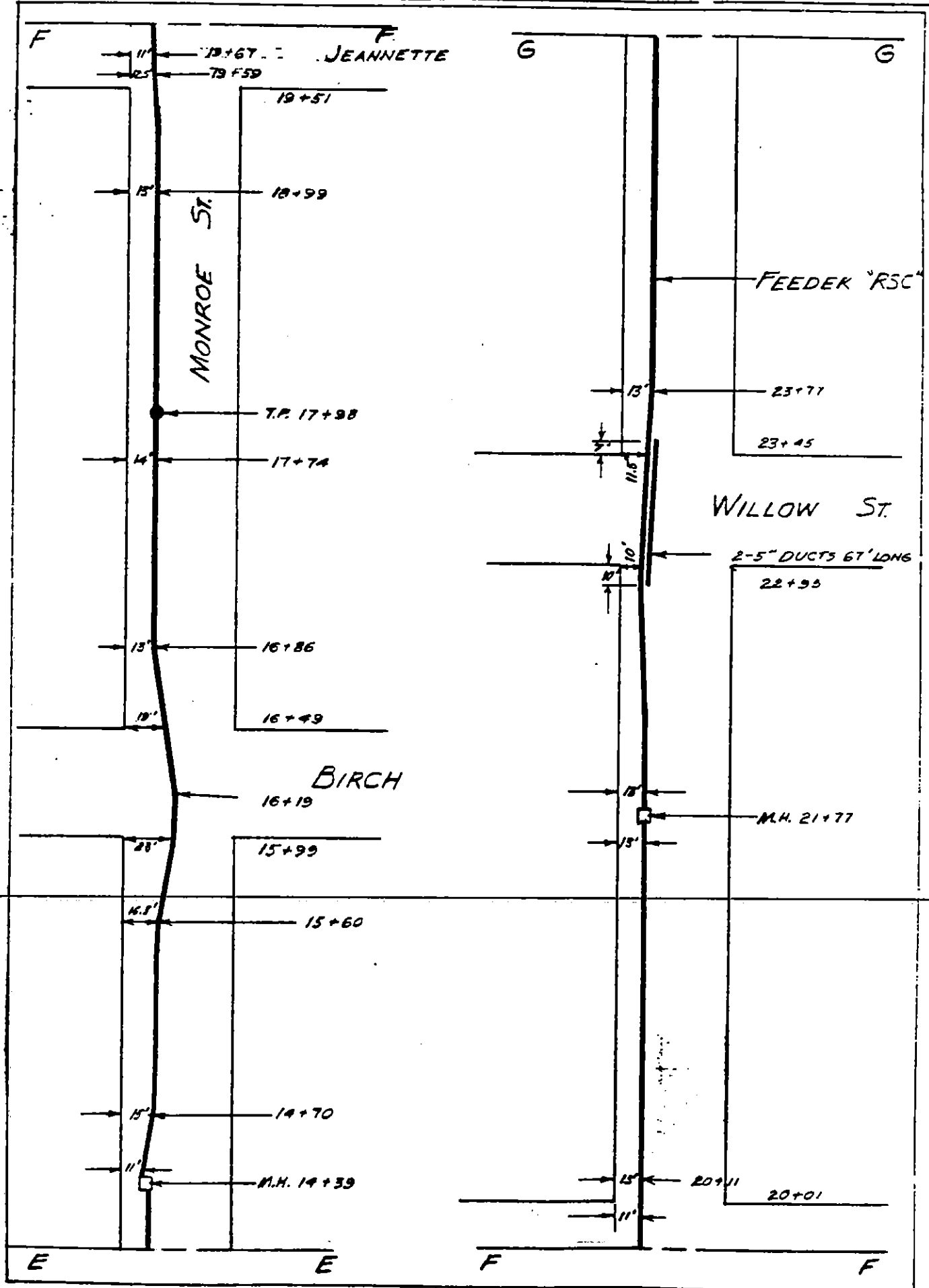
AS-BUILT MAPS FOR FEEDER RSC

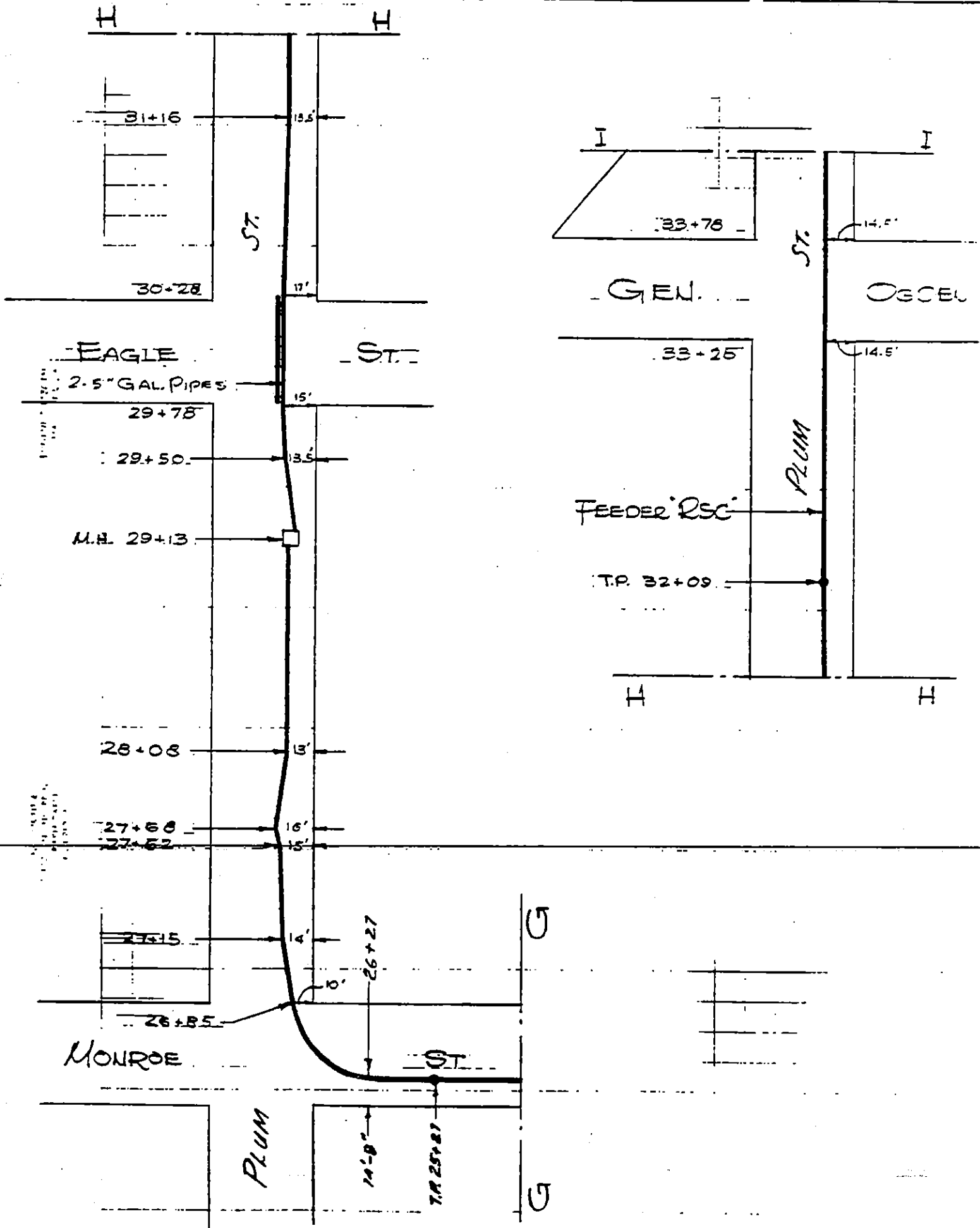


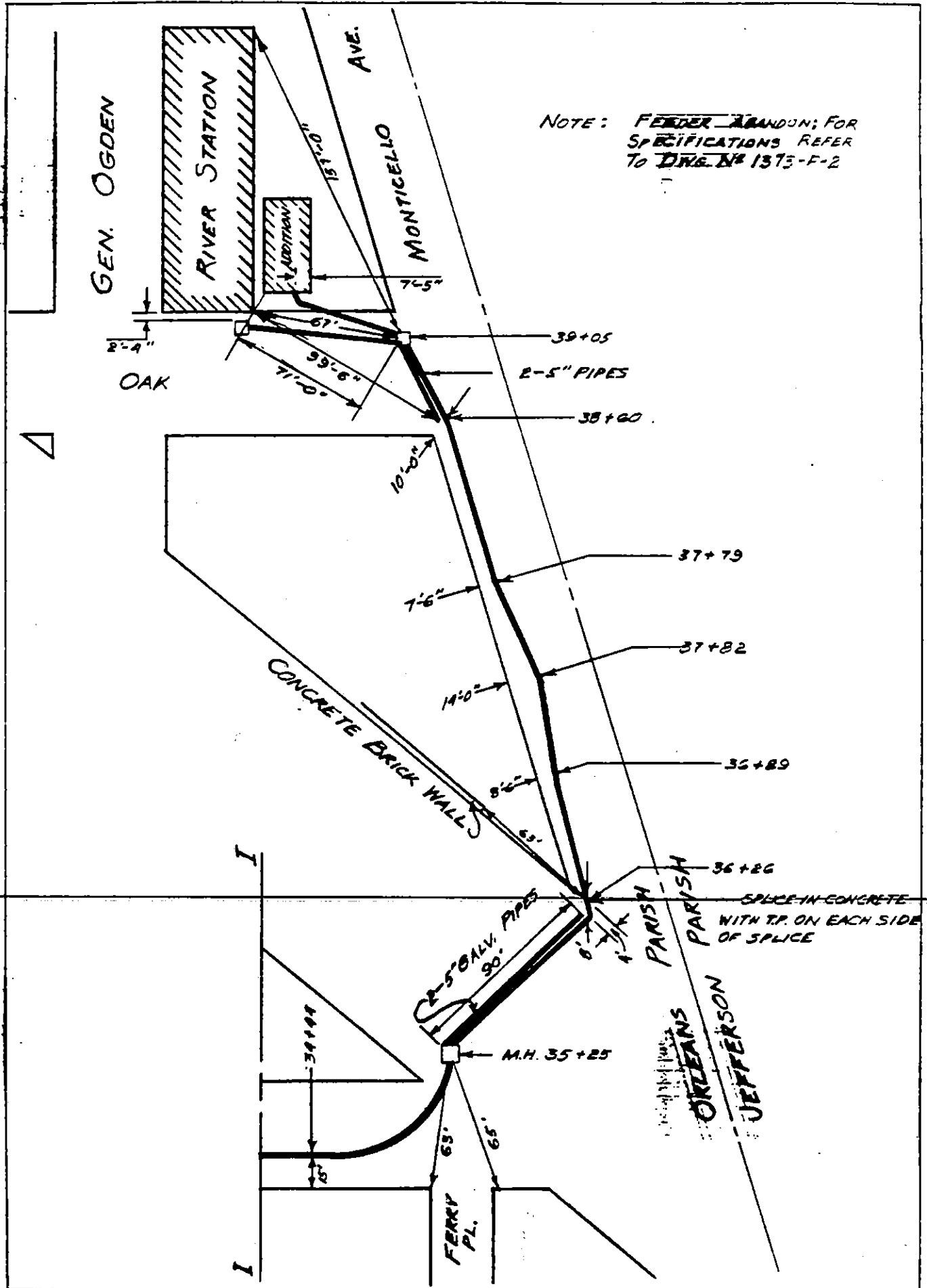


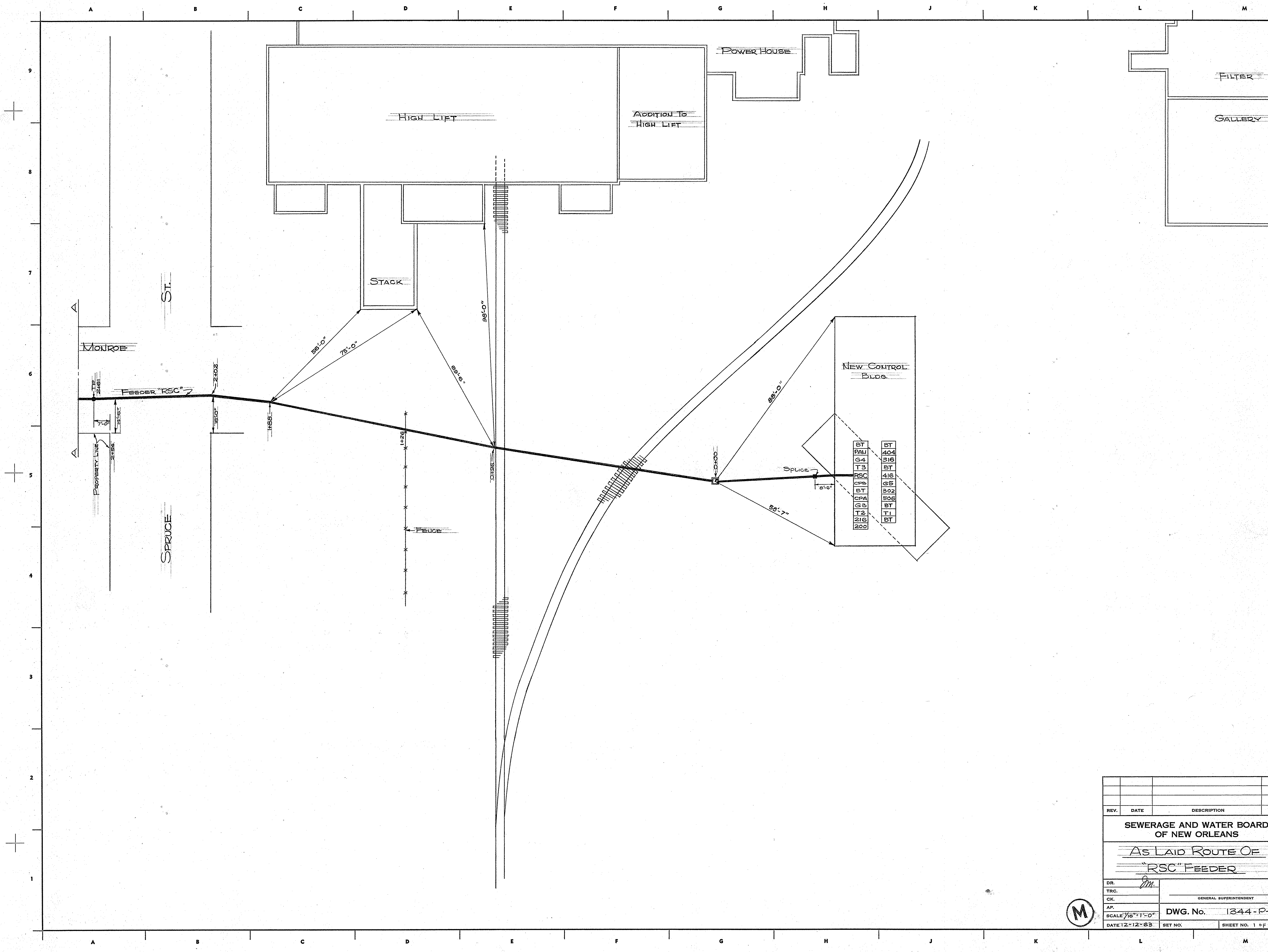






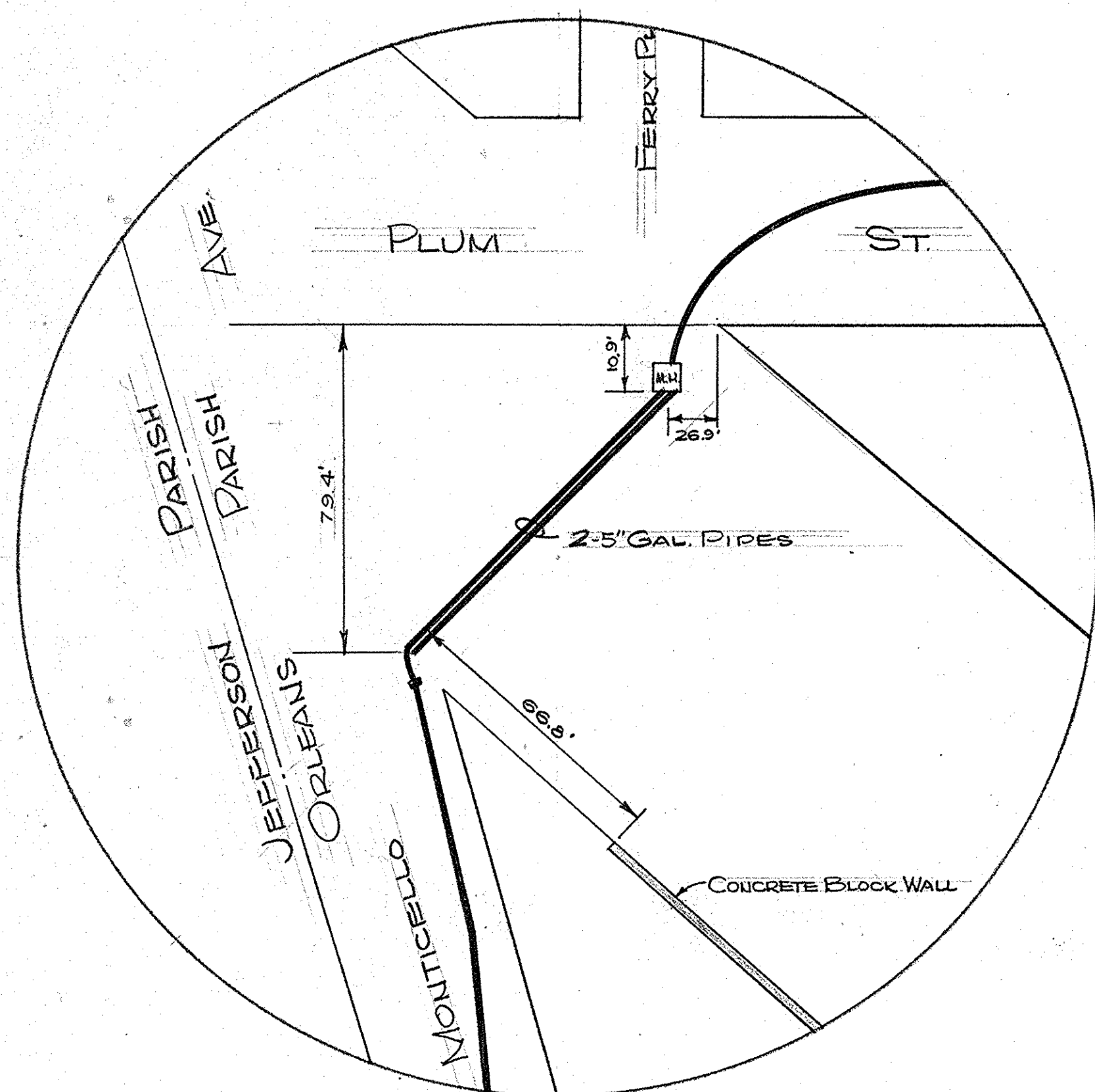




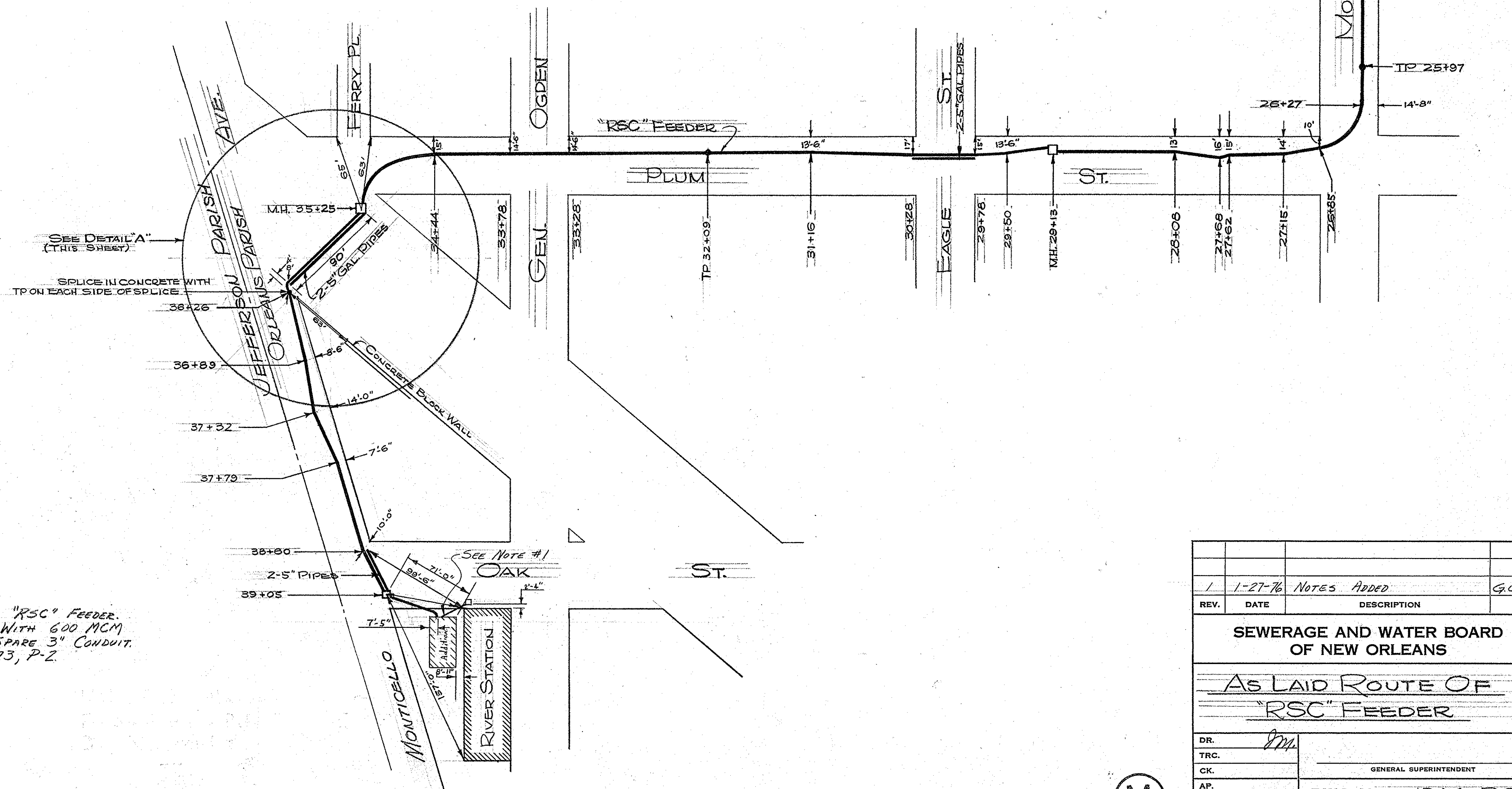


REV.	DATE	DESCRIPTION	BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
AS LAID ROUTE OF "RSC" FEEDER			
DR.	Jm		
TRC.			
CK.			
AP.			
SCALE	1/16" = 1'-0"		
DATE	12-12-63	SET NO.	SHEET NO. 1 OF 2



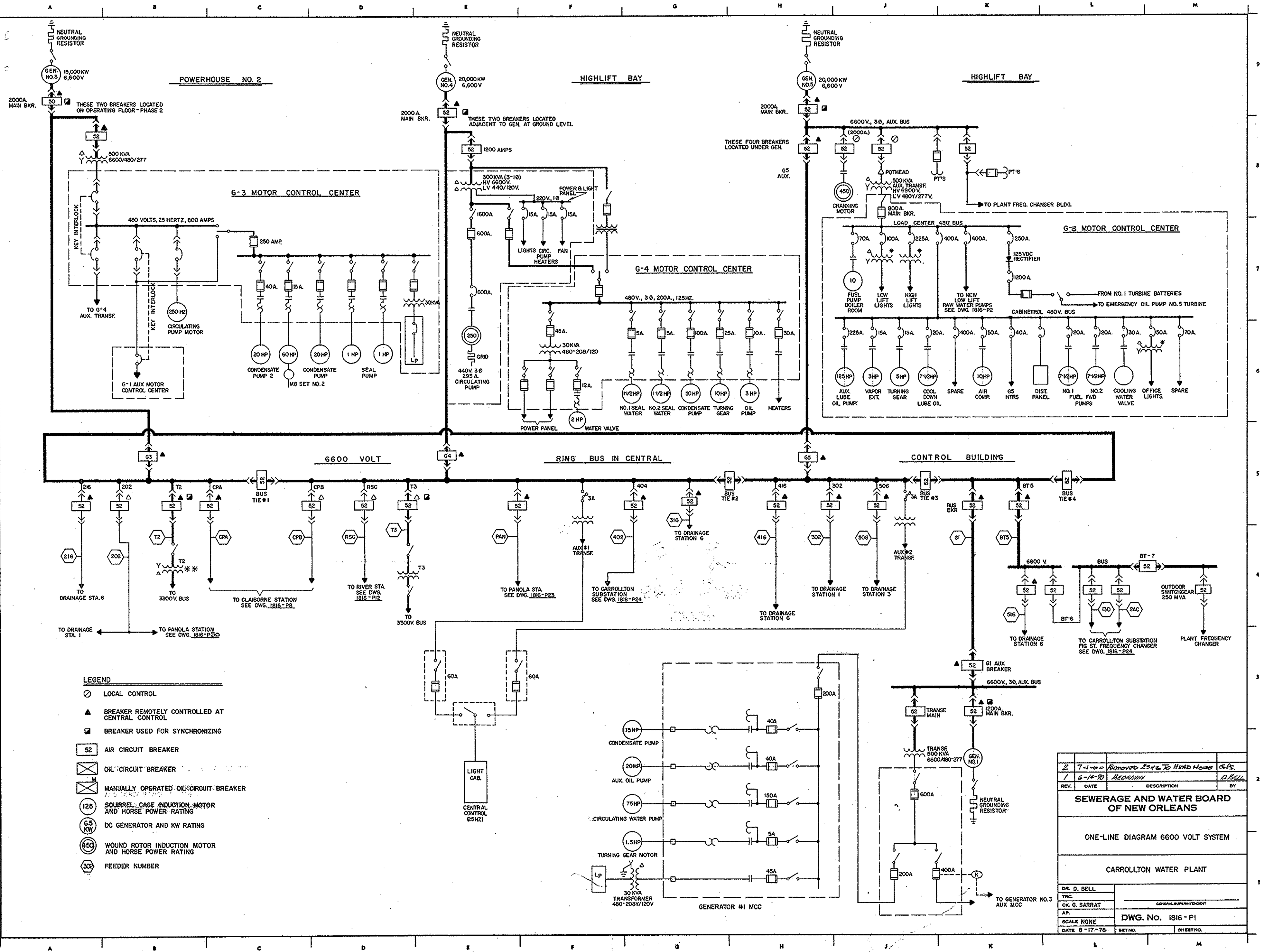


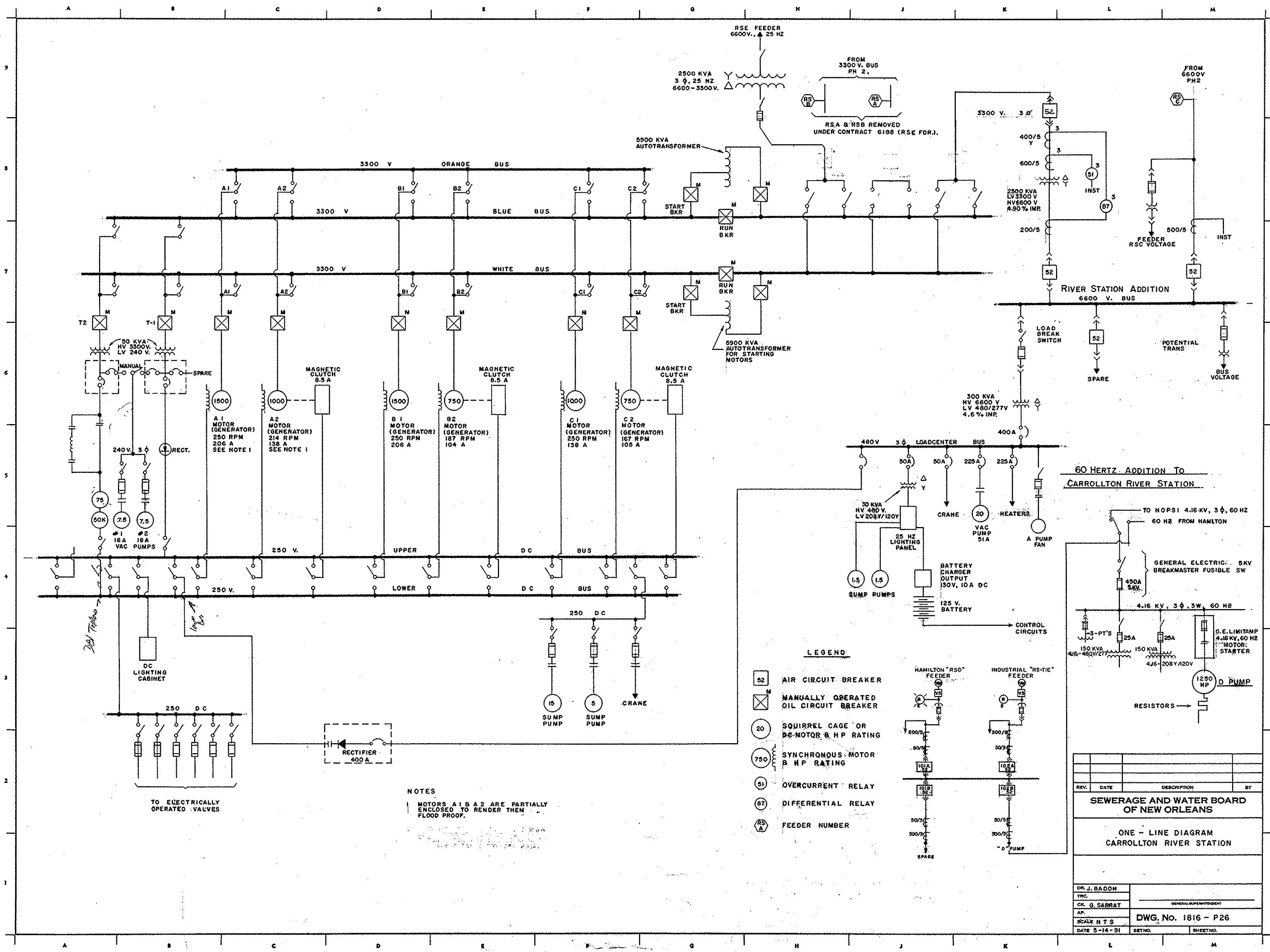
NOTES:
1) NEW PORTION OF "RSC" FEEDER.
ONE 3" CONDUIT WITH 600 MCM
CABLE AND ONE SPARE 3" CONDUIT.
SEE DWG. NO. 1373, P. 2.



DR.	1-27-76	NOTES ADDED	G.C.A.
TRC.	DATE	DESCRIPTION	BY
CK.			
AP.			
SCALE 1"=60'		DWG. No.	1344-P-2
DATE 12-12-68	SET NO.		SHEET NO. 2 OF 2

M





NOTES
1. MOTORS A1 & A2 ARE PARTIALLY ENCLOSED TO RENDER THEM FLOOD PROOF.

- LEGEND
- 52 AIR CIRCUIT BREAKER
 - M MANUALLY OPERATED OIL CIRCUIT BREAKER
 - 20 SQUIRREL CAGE OR DC MOTOR & HP RATING
 - 750 SYNCHRONOUS MOTOR & HP RATING
 - 51 OVERCURRENT RELAY
 - 67 DIFFERENTIAL RELAY
 - RS FEEDER NUMBER

REV.	DATE	DESCRIPTION	BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
ONE - LINE DIAGRAM CARROLLTON RIVER STATION			
DR. J. BADON			
CK. G. SARRAT			
AP. DWG. No. 1816 - P26			
SCALE N.T.S.			
DATE 5-14-91			
SET NO. SHEET NO.			

A B C D E F G H J K L M

9

8

7

6

5

4

3

2

1

MATCH LINE STA. 10+50, FOR CONT. SEE DWG. E-6

SEE PROFILE N° 11
SHEET N° 8

NEW MANHOLE #14
SEE NOTE #6

FUTURE 24" WATER MAIN BY JEFF.
PARISH DEPT. OF WATER

STA. 11+60

CHEMICAL FEED
MANHOLE C-9 (BY OTHERS)
STA. C1 12+15

COOPER ST.

MAIN LINE, L.F.A. (KCS) RR.

BASELINE

CENTER LINE OF DUCT BANK

ASPHALT PARKING LOT

FOR AS-BUILT MEASUREMENTS, SEE SHT. 1011

STA. 13+90

SEE SPECIFICATIONS,
SPECIAL PROVISION
P. 33 FOR DETAILS

2
E7/E9

STA. 14+85

CHEMICAL FEED
MANHOLE C-9
(BY OTHERS)

BASELINE

2'-6" MIN.

NEW MANHOLE #15
SEE NOTE #6

FOR REVISED LOCATION ON
TWIN 60'S SEE SHT. 1101 OF 18

MONTICELLO AVE.

STA. 16+45

32" STEEL CHASING
PIPE TO BE
JACKED &
BORED

MATCH LINE STA. 16+50

SITE PLAN STATION 10+50 TO 16+50
STA. 7+74.32 TO OAK STREET 1" = 20'-0"

SEE PROFILE #13
SHEET N° 11

32" CASING JACK & BORE
SEE DWG. # E-8
PROFILE N° 14

NEW MANHOLE #18
SEE NOTE #6

SEE NOTES 1-5
THIS SHEET.

NEW MANHOLE NO. 17
SEE NOTE #6

ORLEANS PROTECTION LEVEE

ORLEANS - JEFFERSON PARISH LINE

OVERHEAD POWER & TELE. LINES

MONTICELLO AVE.

LEVEE

MATCH LINE STA. 20+45

RSC FEEDER
NEW MANHOLE #16
SEE NOTE #6

SEE NOTES 1-5 THIS SHEET

SEE NOTES 1-5
THIS SHEET.

RSC FEEDER

PROPERTY LINE

POWER POLE

RSC FEEDER

CORE OPENING
& SEAL W/ GROUT.

OPEN CUT
OAK ST.
RIVER INTAKE
STATION

DETAIL 4
E7/E11

70'-0"
32" STEEL CHASING PIPE
TO BE JACKED & BORED

EDGE OF
ROAD

L.F.A. RR.

UNDERGROUND TELE. CABLE

SEE PROFILE N° 12
SHEET NO. E-8

PORSCHE - AUDI AUTO, INC.

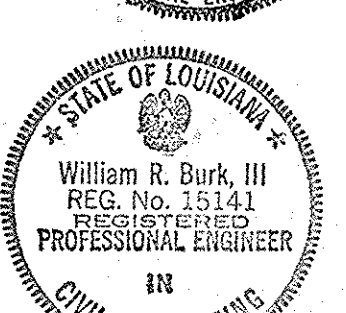
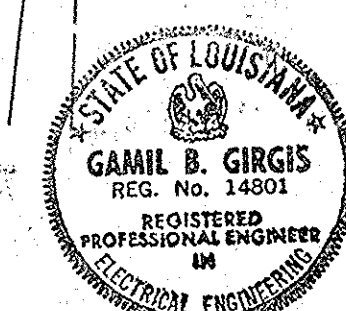
SITE PLAN STATION 16+50 TO
STA. 7+74.32 TO OAK STREET 1" = 20'-0"

NOTES

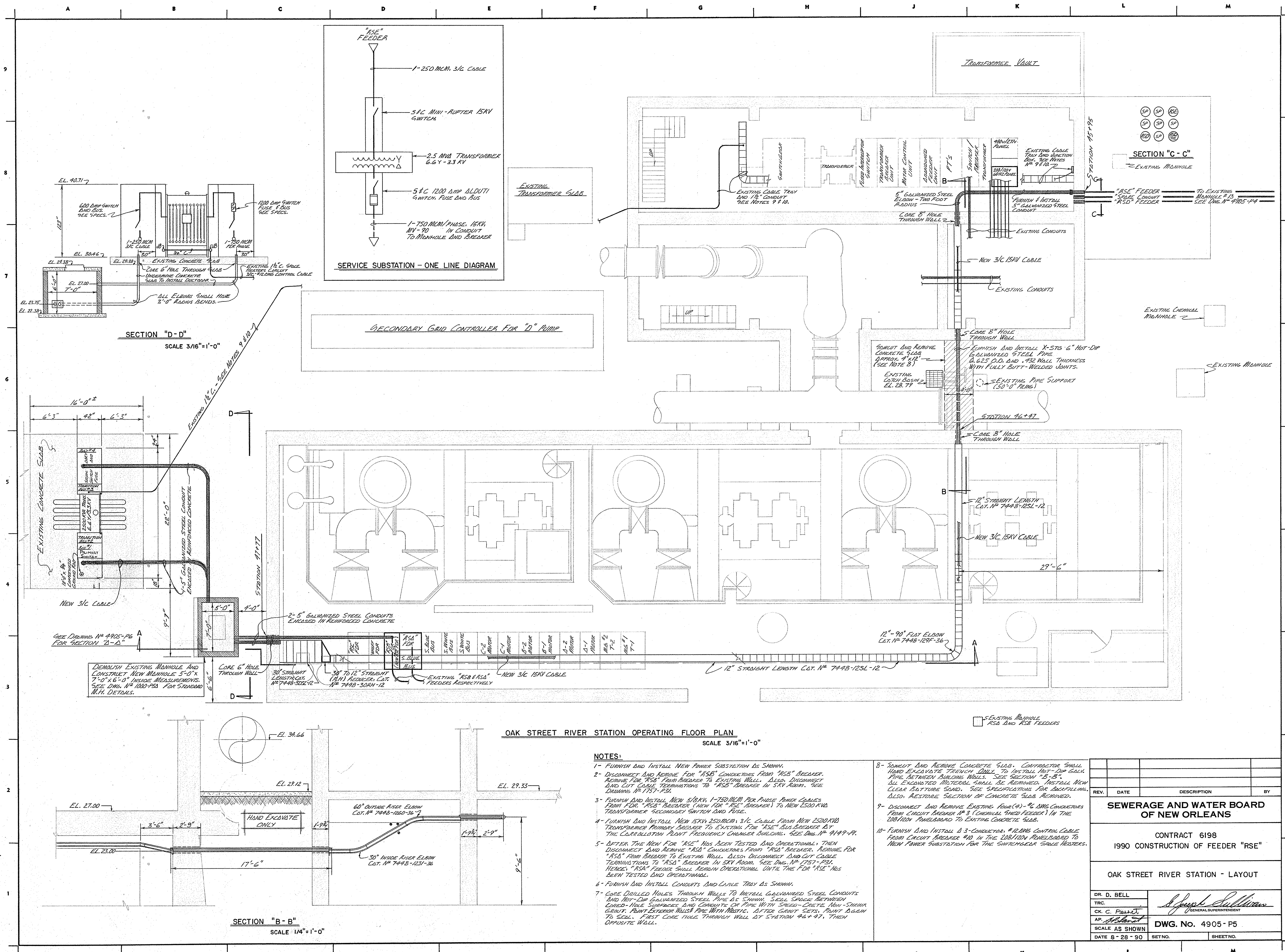
1. HAND DIG WITH EXTREME CARE TO LOCATE
EXISTING RSC FEEDER
2. LOCATE NEW MANHOLES AWAY FROM THE
RSC FEEDER.
3. NEW DUCT BANK SHALL BE LOCATED UNDER
THE RSC FEEDER.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY
DAMAGE TO THE RSC FEEDER.
5. RSC DIMENSIONS SHOWN ARE FOR APPROXIMATE
LOCATION. CONTRACTOR TO VERIFY ALL DIMENSIONS
AND THE ROUTING OF THE FEEDER.
6. SEE DRAWING E-9 FOR MANHOLE DETAILS.

PLANS

REV.	DATE	DESCRIPTION	BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
CONTRACT NO. 2031 RAW WATER TRANSMISSION SYSTEM			
DR. CHAPMAN			
TRC.			
CK. RAMIREZ			
AP. GIRGIS			
SCALE 1" = 20'-0"			
DATE OCT. 1, 80			
SET NO.			
SHEET NO. 7 OF 11			



AS BUILT ELECTRICAL - BRUCE BARTON - GSE



OAK STREET RIVER STATION OPERATING FLOOR PLAN

SCALE 3/16"=1'-0"

NOTES:

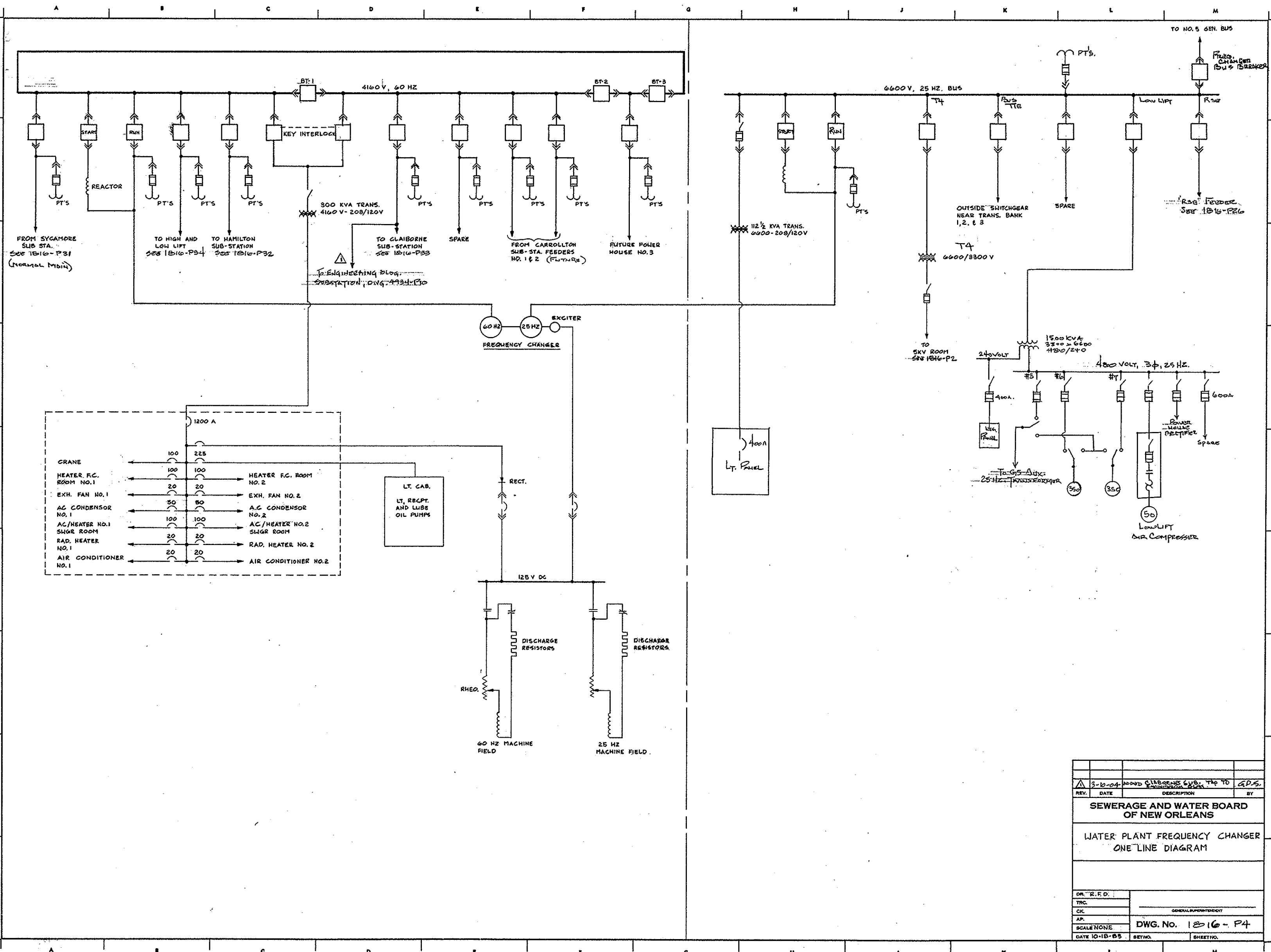
- 1- FURNISH AND INSTALL NEW POWER SUBSTATION AS SHOWN.
- 2- DISCONNECT AND REMOVE FOR "RSE" CONDUITS FROM "RSE" BREAKER. REMOVE FOR "RSE" FROM BREAKER TO EXISTING WALL. ALSO, DISCONNECT AND CUT CABLE TERMINATIONS TO "RSE" BREAKER IN SKV ROOM. SEE DRAWING NO. 1757-P31.
- 3- FURNISH AND INSTALL NEW 5/8"X 1-750/100 PER PHASE POWER CABLES FROM FOR "RSE" BREAKER (NEW FOR "RSE" BREAKER) TO NEW 2500 KVA TRANSFORMER. SECONDARY SWITCH AND FUSE.
- 4- FURNISH AND INSTALL NEW 15KV 2500/100 3/C CABLE FROM NEW 2500 KVA TRANSFORMER PRIMARY BREAKER TO EXISTING FOR "RSE" BUS BREAKER AT THE CARROLLTOWN POINT FREQUENCY CHANGER BUILDING. SEE DWG. NO. 4149-P1.
- 5- AFTER THE NEW FOR "RSE" HAS BEEN TESTED AND OPERATIONAL, THEN DISCONNECT AND REMOVE "RSE" CONDUITS FROM "RSE" BREAKER. REMOVE FOR "RSE" FROM BREAKER TO EXISTING WALL. ALSO, DISCONNECT AND CUT CABLE TERMINATIONS TO "RSE" BREAKER IN SKV ROOM. SEE DWG. NO. 1757-P31. HENCE, "RSE" FEEDER SHALL REMAIN OPERATIONAL UNTIL THE FOR "RSE" HAS BEEN TESTED AND OPERATIONAL.
- 6- FURNISH AND INSTALL CONDUITS AND LUMIN TRAY AS SHOWN.
- 7- CORE DRILLED HOLES THROUGH WALLS TO INSTALL GALVANIZED STEEL CONDUITS AND HOT-DIP GALVANIZED STEEL PIPE AS SHOWN. SEAL SPACE BETWEEN CONDUIT-HOLE SURFACES AND CONDUITS OR PIPE WITH SPEED-SETTLE NON-SHRINK GROUT. PAINT EXTERIOR WALLS PIPE WITH MASTIC. AFTER GROUT SETS, PAINT AGAIN TO SEAL. FIRST CORE HOLE THROUGH WALL AT STATION 46+47, THEN OPPOSITE WALL.

- 8- SAWCUT AND REMOVE CONCRETE SLAB. CONTRACTOR SHALL HAND EXCAVATE TRENCH ONLY TO INSTALL HOT-DIP GALV. PIPE BETWEEN BUILDING WALLS. SEE SECTION "B-B". ALL EXCAVATED MATERIAL SHALL BE REMOVED. INSTALL NEW CLEAR BURIED PIPE. SEE SPECIFICATIONS FOR BACKFILLING. ALSO, RESTORE SECTION OF CONCRETE SLAB REMOVED.
- 9- DISCONNECT AND REMOVE EXISTING FOUR (4) 2" I.D. CONDUITS FROM CIRCUIT BREAKER #3 (CHEMICAL TRIP FEEDER) IN THE 208/120V PANELBOARD TO EXISTING CONCRETE SLAB.
- 10- FURNISH AND INSTALL 3" CONDUITS, 12" I.D. CONTROL CABLE FROM CIRCUIT BREAKER #10 IN THE 208/120V PANELBOARD TO NEW POWER SUBSTATION FOR THE SUPERHEAT STEAM HEATERS.

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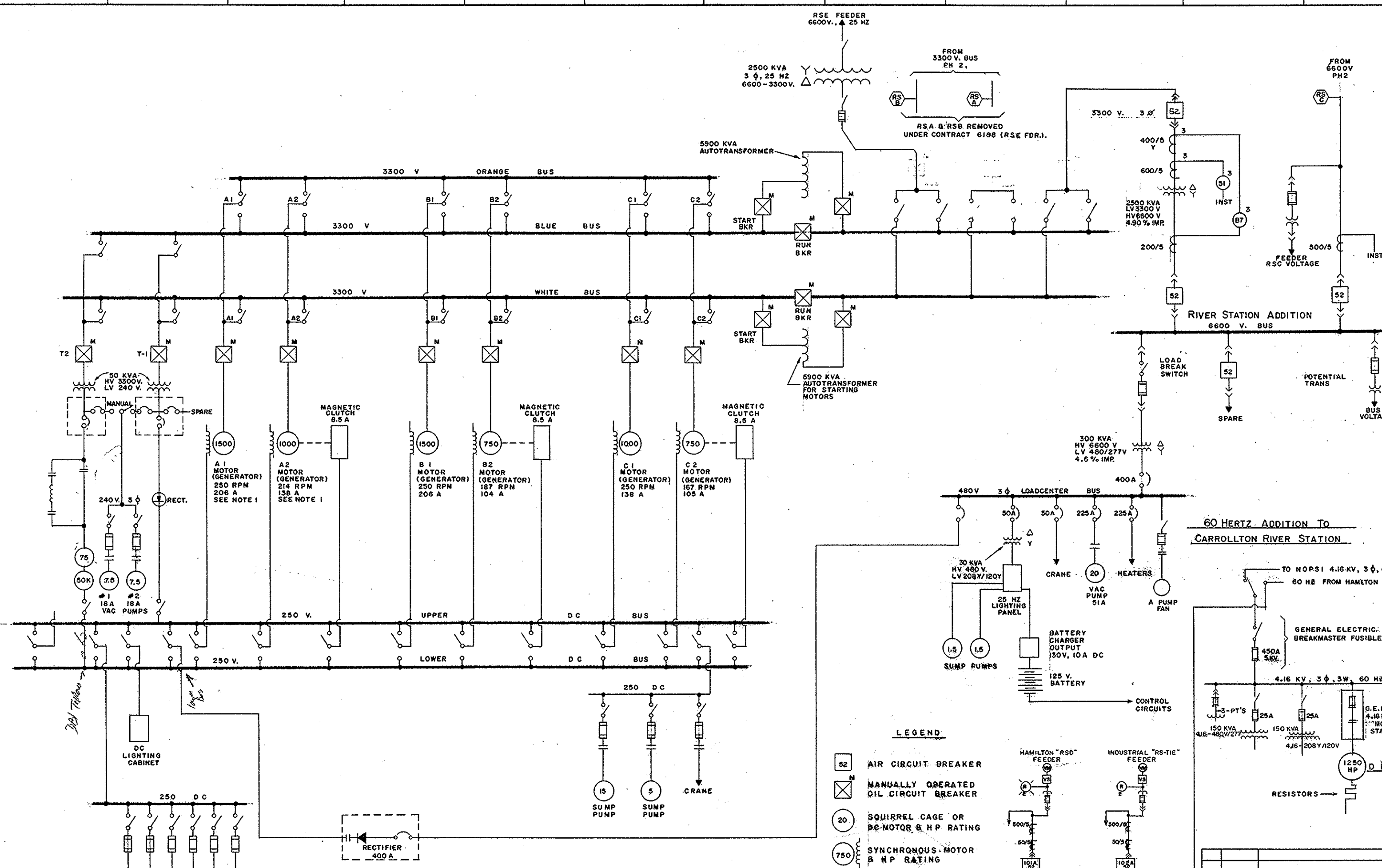
SEWERAGE AND WATER BOARD OF NEW ORLEANS	
CONTRACT 6198 1990 CONSTRUCTION OF FEEDER "RSE"	
OAK STREET RIVER STATION - LAYOUT	
DR. D. BELL	GENERAL SUPERINTENDENT
TRC.	
CK. G. Palka	
AP. [Signature]	
SCALE AS SHOWN	DWG. NO. 4905-P5
DATE 8-28-90	SHEET NO.

AS-BUILT MAPS FOR FEEDER RSE



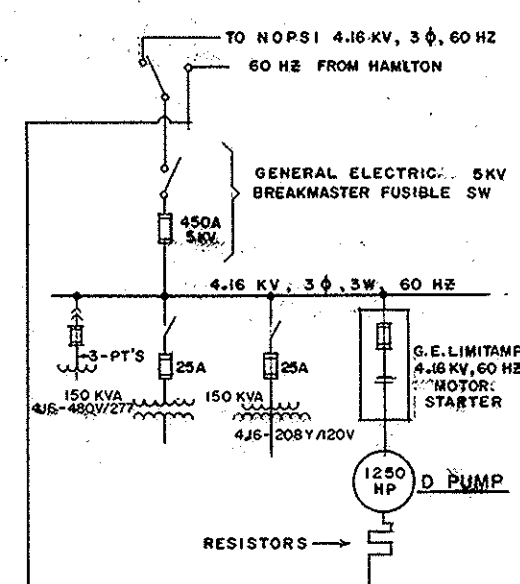
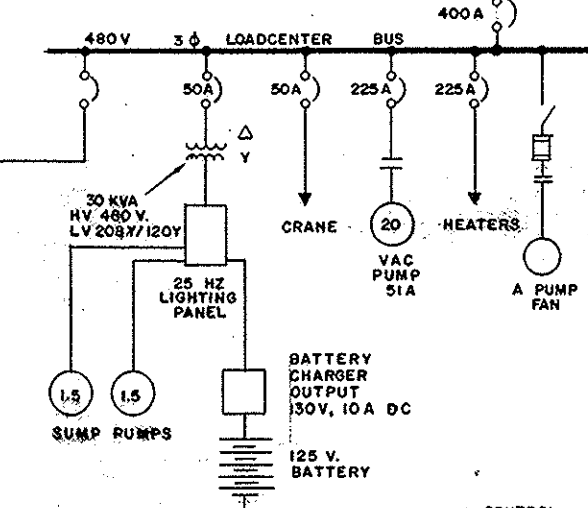
CRANE	100	225	HEATER F.C. ROOM NO. 2
HEATER F.C. ROOM NO. 1	100	100	EXH. FAN NO. 2
EXH. FAN NO. 1	20	20	A.C. CONDENSOR NO. 2
A.C. CONDENSOR NO. 1	50	50	A.C. HEATER NO. 2 SHGR ROOM
A.C. HEATER NO. 1 SHGR ROOM	100	100	RAD. HEATER NO. 2
RAD. HEATER NO. 1	20	20	AIR CONDITIONER NO. 2
AIR CONDITIONER NO. 1	20	20	

REV.	DATE	DESCRIPTION	BY
3-10-04		ADDED CIRCUITS SUB. TAP TO EXISTING BUS	G.P.S.
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
WATER PLANT FREQUENCY CHANGER ONE LINE DIAGRAM			
DR. R.F.D.			
TRC.			
CK.			
AP.			
SCALE NONE			
DATE 10-18-05			
SHEET NO.			



NOTES
 1. MOTORS A1 & A2 ARE PARTIALLY ENCLOSED TO RENDER THEM FLOOD PROOF.

- LEGEND**
- 52 AIR CIRCUIT BREAKER
 - M MANUALLY OPERATED OIL CIRCUIT BREAKER
 - 20 SQUIRREL CAGE OR DC MOTOR & HP RATING
 - 750 SYNCHRONOUS MOTOR & HP RATING
 - 51 OVERCURRENT RELAY
 - 67 DIFFERENTIAL RELAY
 - RS FEEDER NUMBER



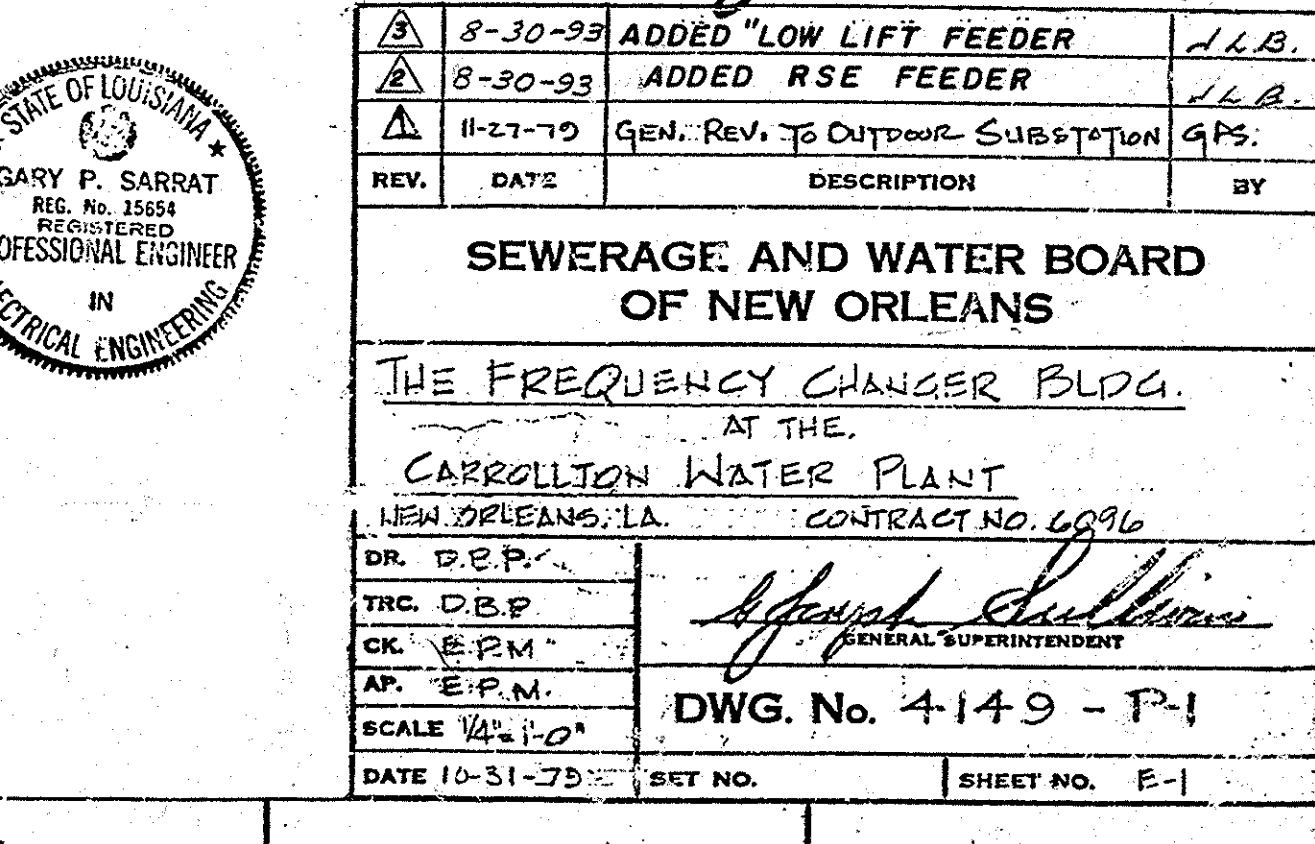
REV.	DATE	DESCRIPTION	BY

SEWERAGE AND WATER BOARD OF NEW ORLEANS

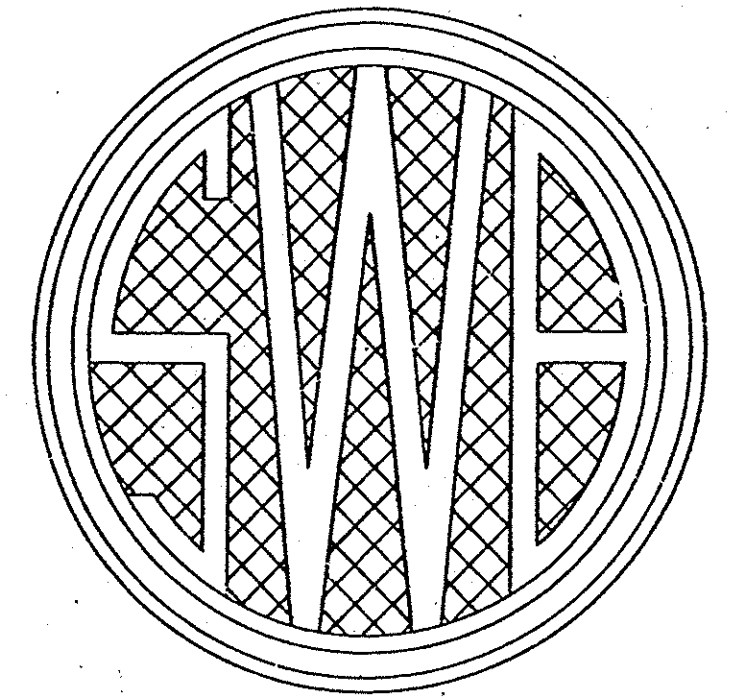
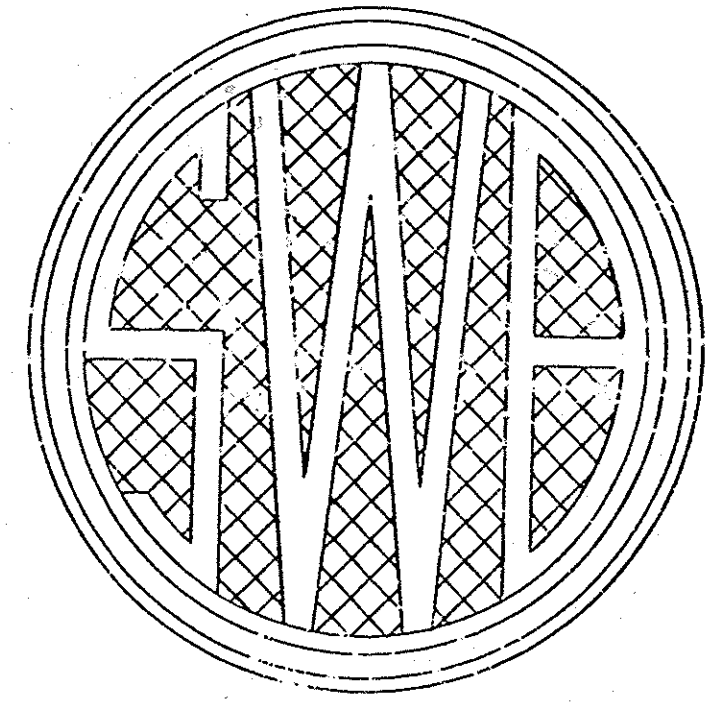
**ONE - LINE DIAGRAM
CARROLLTON RIVER STATION**

DR. J. BADON	
TRC.	
CK. G. SARRAT	
AP.	
SCALE N.T.S.	
DATE 5-14-91	

GENERAL SUPERINTENDENT	
DWG. No. 1816 - P26	
SET NO.	
SHEET NO.	



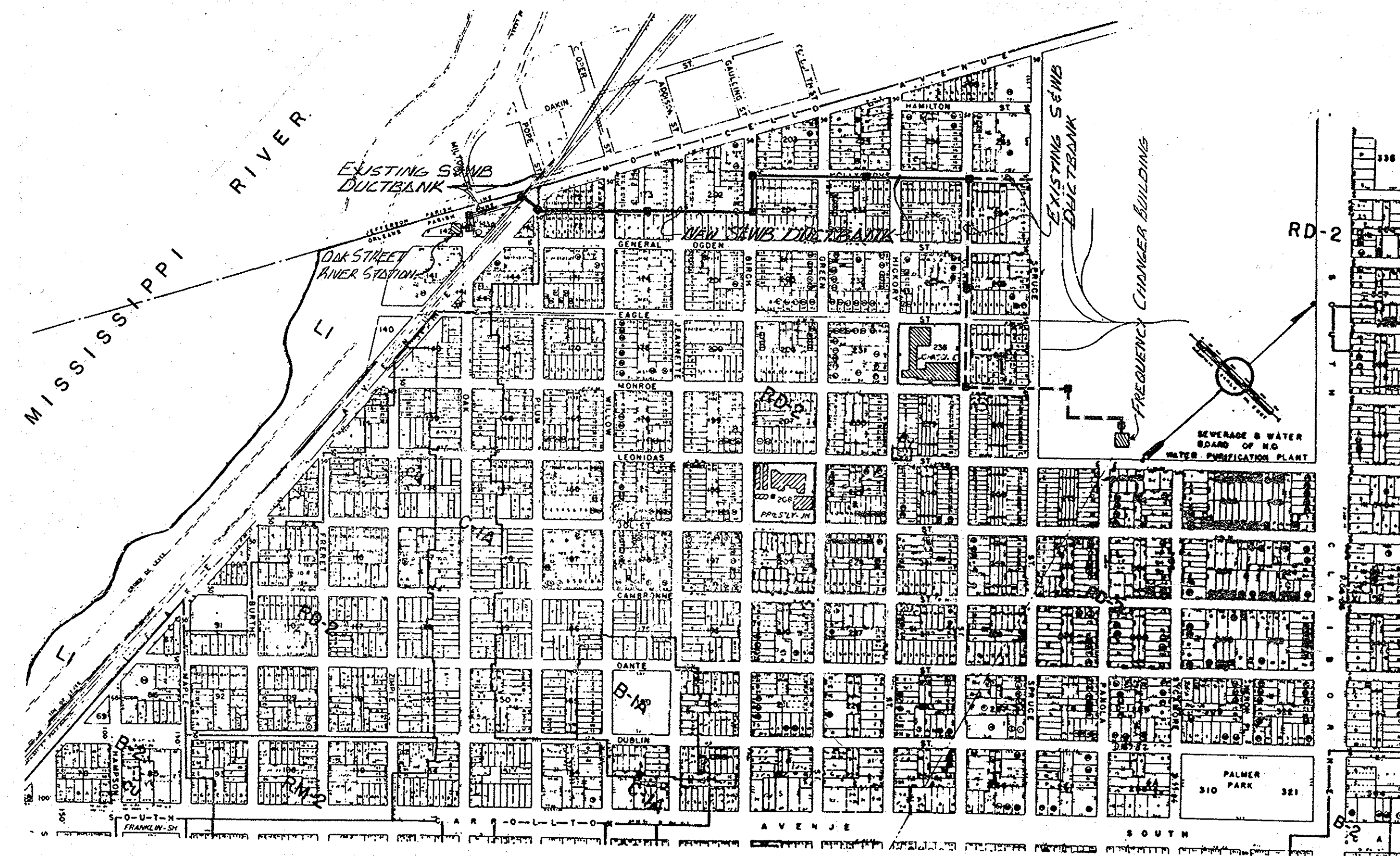
SEWERAGE AND WATER BOARD OF NEW ORLEANS



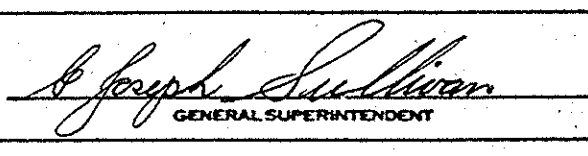
ELECTRICAL ENGINEERING DEPARTMENT

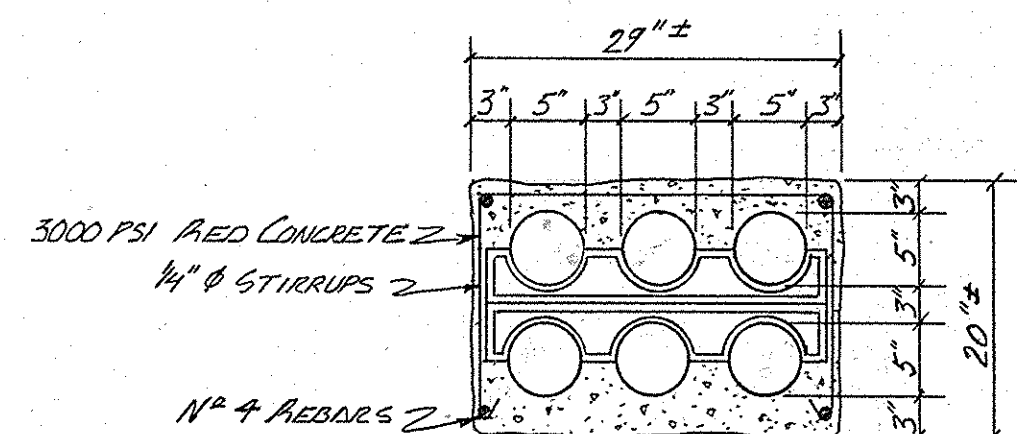
1990 - CONSTRUCTION OF FEEDER "RSE"

CONTRACT N^o: 6198



VICINITY MAP

REV.	DATE	DESCRIPTION	BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
CONTRACT 6198 1990 - CONSTRUCTION OF FEEDER "RSE"			
TITLE SHEET			
DR. D. BELL			
TRC.			
CK. C. Paret			
AP.			
SCALE NONE	DWG. No. 4905 - P0		
DATE 8-29-90	SETNO.	SHEETNO.	



SECTION 'A-A'

SEE DRAWING NO. 1757-P14

4\"/>

NOTES:

- 1- FURNISH AND INSTALL NEW CABLE AS PER SPECIFICATIONS.
- 2- MANHOLE NO. 5 SHALL BE DEMOLISHED AND RECONSTRUCTED "IN PLACE" TO NEW INTERIOR DIMENSIONS OF 8'-0" x 4'-0" x 6'-0" DEEP. SEE DWG. NO. 4905-P2.
- 3- UNCOVER, FLUSH, GRADE AND MONDRELL EXISTING 5" CONDUIT PRIOR TO INSTALLATION OF CABLE.
- 4- BEGIN NEW DUCT CONSTRUCTION, MH #5, STA. 18+55.

REV.	DATE	DESCRIPTION	BY
1	2-1-83	CONTRACT 6198 - AS BUILT	G.P.S.
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
CONTRACT 6198 1990 CONSTRUCTION OF FEEDER "RSE"			
EXISTING ELECTRICAL DUCTBANK			
DR. G.P.S.			
TRC			
CH. SHERAT			
AP. SHERAT			
SCALE 1"=20'	DWG. NO. 4905-P1		
DATE 10-22-81	SET NO.	SHEET NO.	

GENERAL NOTES

The Locations Of Underground And Other Nonvisible Utilities Shown Hereon Have Been Determined From Data Either Furnished By The Agencies Controlling Such Data And/or Extracted From Records Made Available To Us By The Agencies Controlling Such Records. Where Found The Surface Features Of Locations Are Shown. The Actual Nonvisible Locations May Vary From Those Shown. Hereon. Each Agency Should Be Contacted Relative To The Precise Location Of Its Underground Installation Prior To Any Reliance Upon The Accuracy Of Such Locations Shown Hereon, Including Prior To Excavation And Digging.

20.43' C.D. = 0.00' N.G.V.D.

C.D. = Cairo Datum, N.G.V.D. = National Geodetic Vertical Datum.

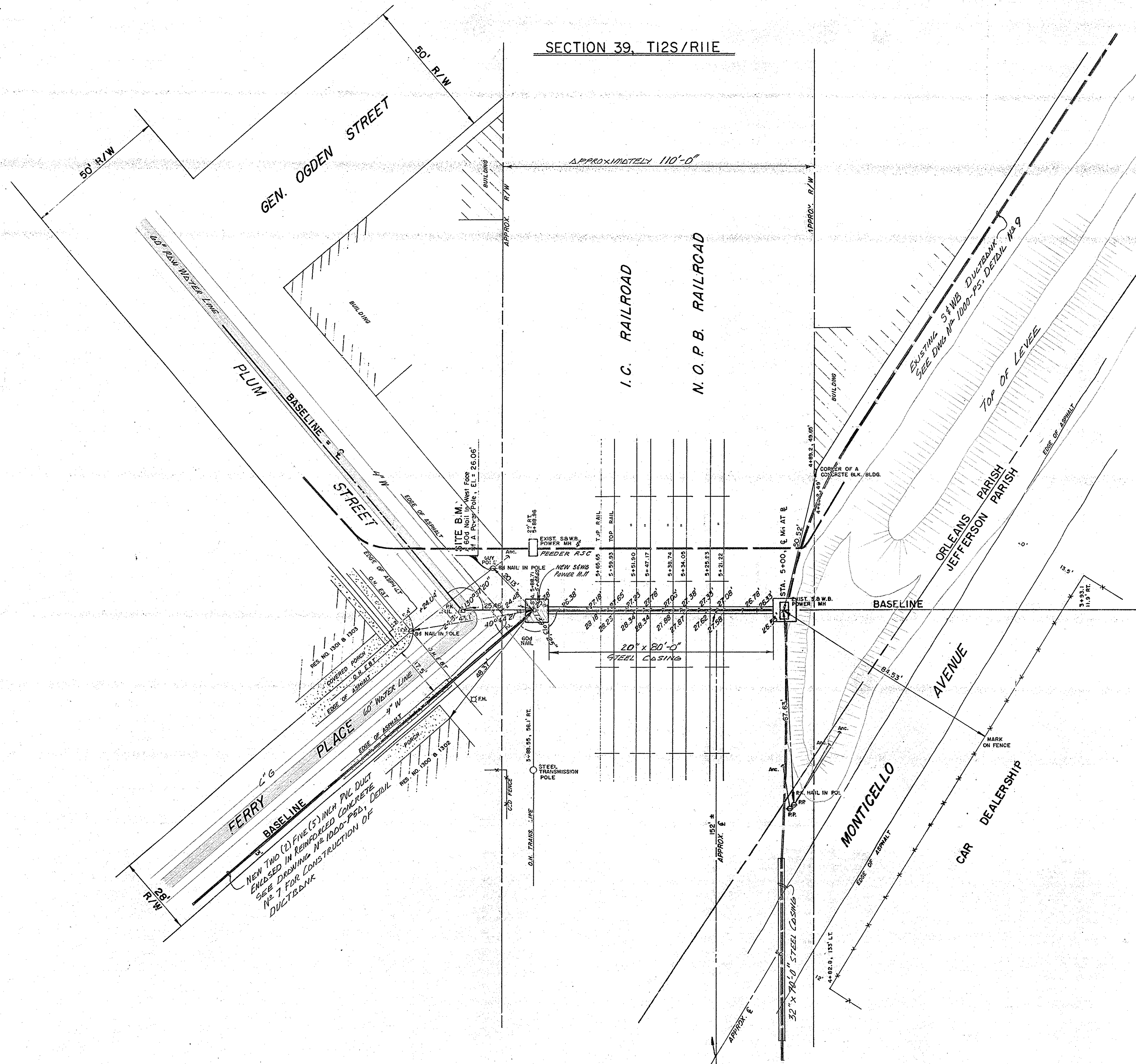
All Elevations Shown Refer To Cairo Datum.

B.M. = Bench Mark, El. = Elevation.

Flood Zone _____, Base Flood El. = _____ N.G.V.D.

REFERENCE B.M. = T-146, El. = 8.12' N.G.V.D.

SECTION 39, T12S/R11E

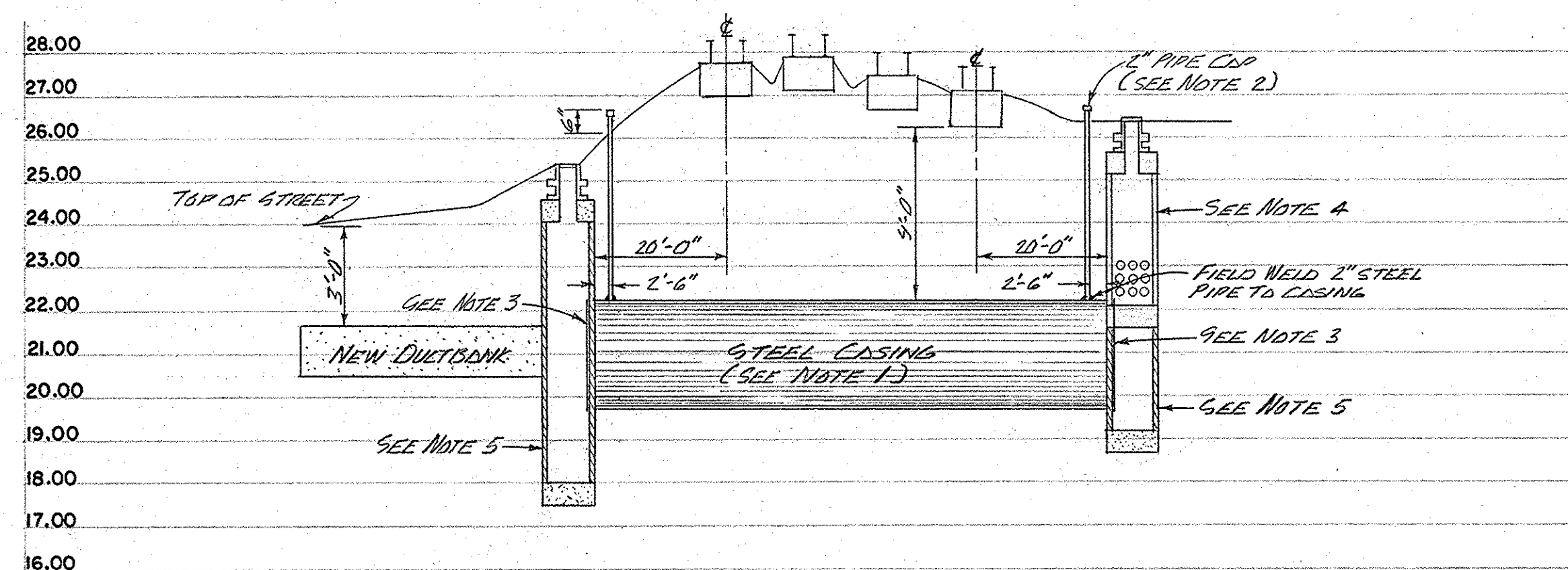


NOTES:

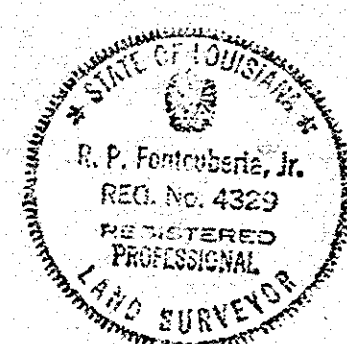
- 1- CONTRACTOR SHALL BORE A TWENTY (20) INCH I.D. 1/2" WALL THICKNESS, STEEL CASING UNDER RAILWAY TRACKS, THEN TWO (2)-FIVE (5) INCH SCHEDULE 40 PVC DUCTS SHALL BE PLACED WITHIN AND CEMENT MORTAR BLOWN INTO CASING AS A SEAL. DEPTH OF CASING SHALL BE AS SHOWN. THE CASING WILL BE BORED FROM THE NORTH SIDE OF I.C. RAILROAD.
- 2- CUT A 2" HOLE IN CASING AND FIELD WELD A 2" STEEL PIPE AS SHOWN FOR PUMPING CEMENT MORTAR INTO CASING. AFTER CASING IS PUMPED AND MORTAR HAS DRIED REMOVE BOTH 2" STEEL PIPES.
- 3- PROVIDE A TEMPLATE TO SEAL CASING AT EACH END AFTER CONDUITS ARE INSTALLED IN ORDER TO PUMP MORTAR.
- 4- EXISTING MANHOLE SHALL BE REMOVED AND REPLACED AS SHOWN TO ACCEPT ENTRANCE OF NEW CASING. EXISTING DUCTBANK SHALL REMAIN AS SHOWN.
- 5- SEE DRAWING N° 1000-PSD STANDARD DETAIL OF CONSTRUCTION ELECTRICAL POWER MANHOLES AND DUCTBANKS.

LEGEND

WM	SIGN
WM	WATER METER
WM	WATER VALVE
WM	FIRE HYDRANT
WM	POWER POLE
WM	SEWER MANHOLE
WM	WATER MANHOLE
WM	DRAIN MANHOLE
WM	DRAIN INLET
WM	SEWER LINE
WM	WATER LINE
WM	DRAIN LINE
WM	GAS LINE
WM	SHELLS
WM	CONCRETE
WM	ASPHALT
WM	ELECTRIC LINE
WM	ELECTRIC & TELE. LINE
WM	CATCH BASIN
WM	TELE. MANHOLE
WM	TELE. LINE
WM	FENCE
WM	RAILROAD TRACK
WM	LIGHT POLE or TRAFFIC LT.
WM	ELECTRIC MANHOLE
WM	STORM DRAIN
WM	WATER METER
WM	GAS VALVE
WM	GROUND SHOT ELEVATIONS



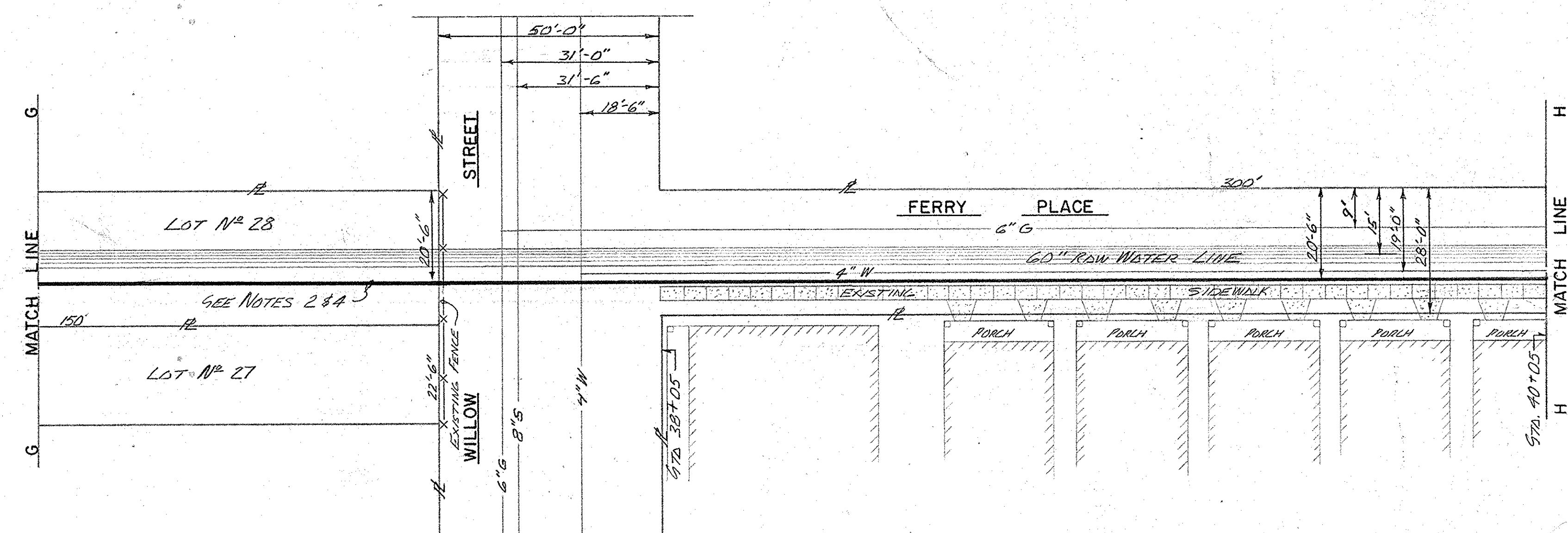
PROFILE SCALE 1"=20' HORIZONTAL
1"=3'-0" VERTICAL


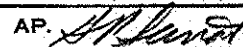


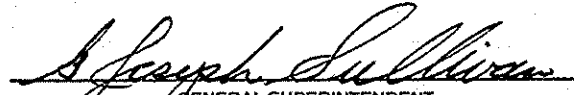
R. P. Fontcuberta, Jr.
REGISTERED PROFESSIONAL LAND SURVEYOR
R. P. FONTCUBERTA, JR. - PRESIDENT

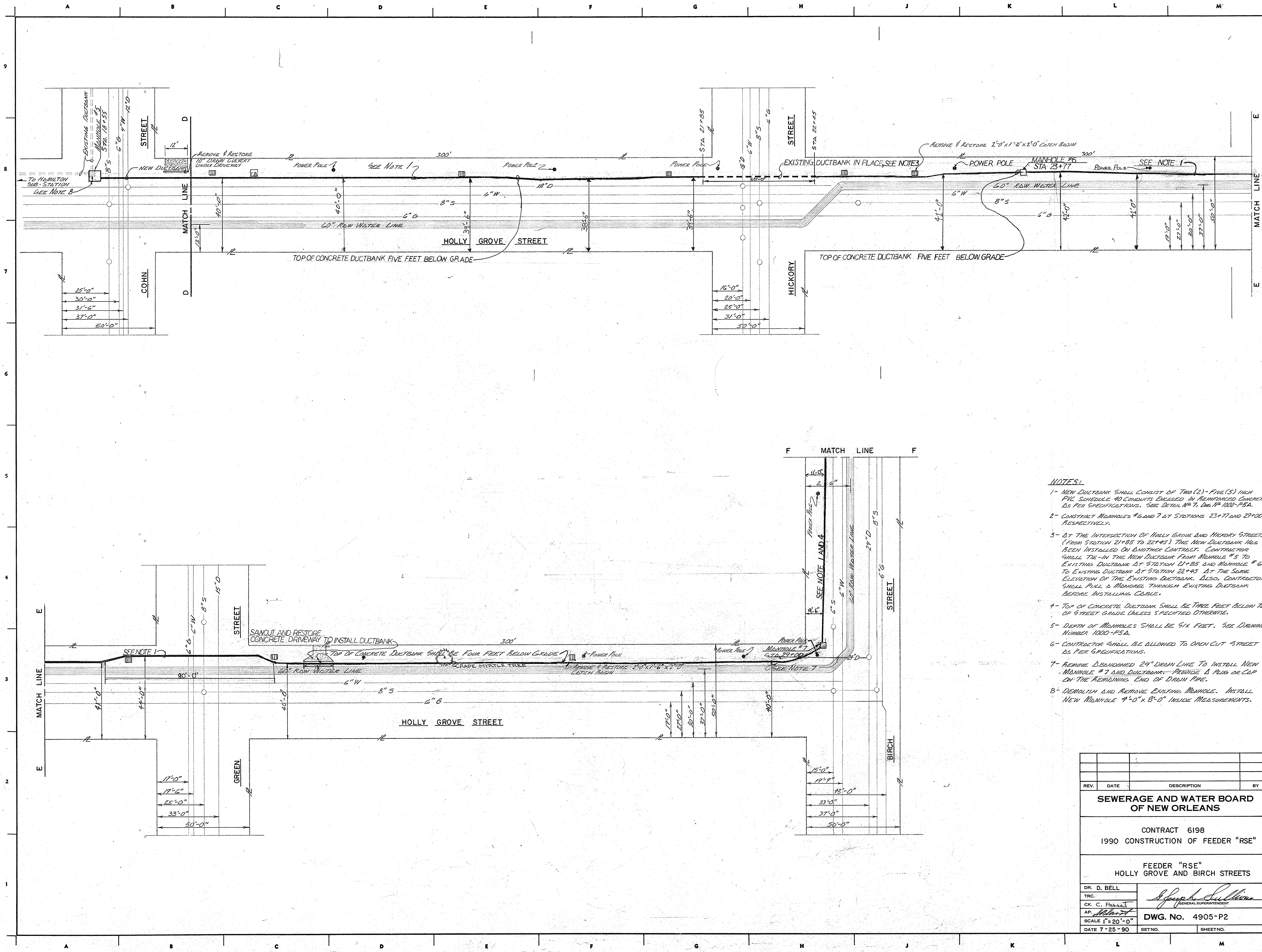
REV.	DATE	DESCRIPTION	B.
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
CONTRACT 6198 1990 CONSTRUCTION OF FEEDER RSE			
CASING CROSSING UNDER I.C. AND N.O.P.B. RAILROADS			
DR. E.W.R. w/BFM Corp.		D.R.B.	
C. C. P. P. P.		C. C. P. P. P.	
AP. 1/22/90		AP. 1/22/90	
SCALE 1"=20.0'		SCALE 1"=20.0'	
DATE 1/22/90		DATE 1/22/90	
SETNO.		SETNO.	
SHEET NO.		SHEET NO.	
DWG. No. 4905 - PIA		DWG. No. 4905 - PIA	

B.F.M.
CORPORATION
A Professional
Land Surveying Company
334 WILLIAMS BLVD.
KENNER, LA 70062
(504) 466-8800

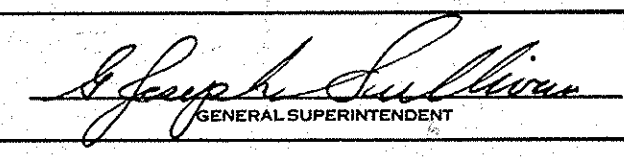


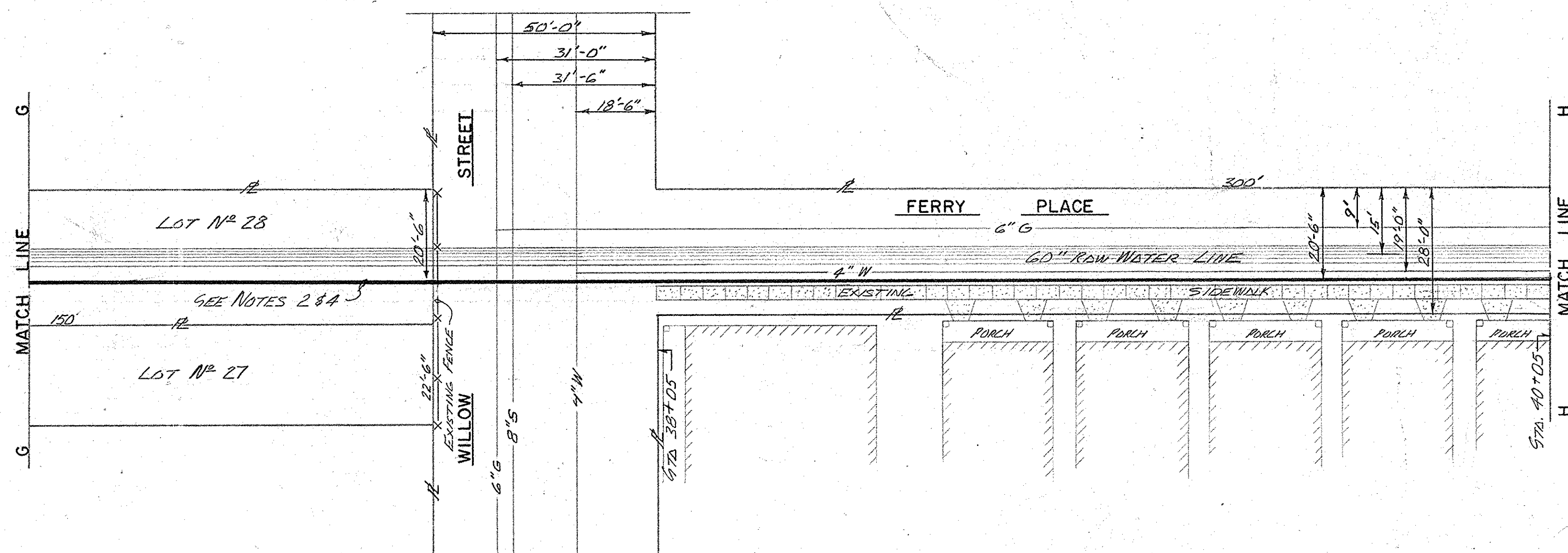
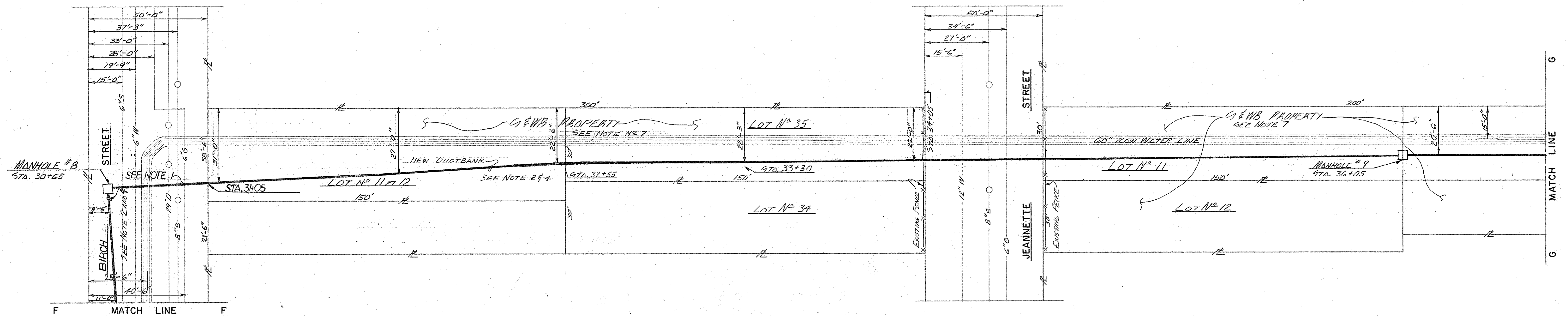
- | 1 | 2-24-94 | | J.L.B. |
|---|---|------------------|--------|
| REV. | DATE | DESCRIPTION | BY |
| <p align="center">SEWERAGE AND WATER BOARD
OF NEW ORLEANS</p> | | | |
| <p align="center">CONTRACT 6198
1990 CONSTRUCTION OF FEEDER "RSE"</p> | | | |
| <p align="center">FEEDER "RSE"
BIRCH STREET, S&WB R/W & FERRY PLACE</p> | | | |
| DR. D. BELL | 
GENERAL SUPERINTENDENT | | |
| TRC. | | | |
| CK. C. Paine | | | |
| AP.  | | | |
| SCALE 1" = 20' - 0" | | | |
| DATE 7-25-90 | SETNO. | DWG. No. 4905-P3 | |
| | | SHEETNO. | |

1	22 92	AS BUILT	U.L.B.
REV.	DATE	DESCRIPTION	BY
<p align="center">SEWERAGE AND WATER BOARD OF NEW ORLEANS</p>			
<p align="center">CONTRACT 6198 1990 CONSTRUCTION OF FEEDER "RSE"</p>			
<p align="center">FEEDER "RSE" FERRY PLACE, R/R CROSSING AND OAK STREET</p>			
DR. D. BELL	 <small>GENERAL SUPERINTENDENT</small>		
TRC.			
CK. C. <i>Pellet</i>			
AP. <i>W. Ward</i>	<p align="center">DWG. NO. 4905 - P4</p>		
SCALE 1" = 20' - 0"	DATE 7-25-90	SETNO.	SHEETNO.



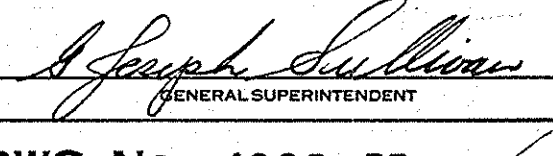
- NOTES:
- 1- NEW DUCTBANK SHALL CONSIST OF TWO (2) FIVE (5) INCH FIVE SCHEDULE 40 CONDUITS ENCASED IN REINFORCED CONCRETE AS PER SPECIFICATIONS. SEE DETAIL #7, DWG. # 1000-PSA.
 - 2- CONSTRUCT MANHOLES #6 AND 7 AT STATIONS 23+77 AND 29+00 RESPECTIVELY.
 - 3- AT THE INTERSECTION OF HOLLY GROVE AND HICKORY STREETS (FROM STATION 21+85 TO 22+45) THE NEW DUCTBANK HAS BEEN INSTALLED ON ANOTHER CONTRACT. CONTRACTOR SHALL TIE-IN THE NEW DUCTBANK FROM MANHOLE #5 TO EXISTING DUCTBANK AT STATION 21+85 AND MANHOLE #6 TO EXISTING DUCTBANK AT STATION 22+45. AT THE SAME ELEVATION OF THE EXISTING DUCTBANK. ALSO, CONTRACTOR SHALL PULL A MANHOLE THROUGH EXISTING DUCTBANK BEFORE INSTALLING CABLE.
 - 4- TOP OF CONCRETE DUCTBANK SHALL BE THREE FEET BELOW TOP OF STREET GRADE UNLESS SPECIFIED OTHERWISE.
 - 5- DEPTH OF MANHOLES SHALL BE SIX FEET. SEE DRAWING NUMBER 1000-PSA.
 - 6- CONTRACTOR SHALL BE ALLOWED TO OPEN CUT STREET AS PER SPECIFICATIONS.
 - 7- REMOVE ABANDONED 24" DRAIN LINE TO INSTALL NEW MANHOLE #7 AND DUCTBANK. PROVIDE A PLUG OR CAP ON THE REMAINING END OF DRAIN PIPE.
 - 8- DEMOLISH AND REMOVE EXISTING MANHOLE. INSTALL NEW MANHOLE 4'-0" x 8'-0" INSIDE MEASUREMENTS.

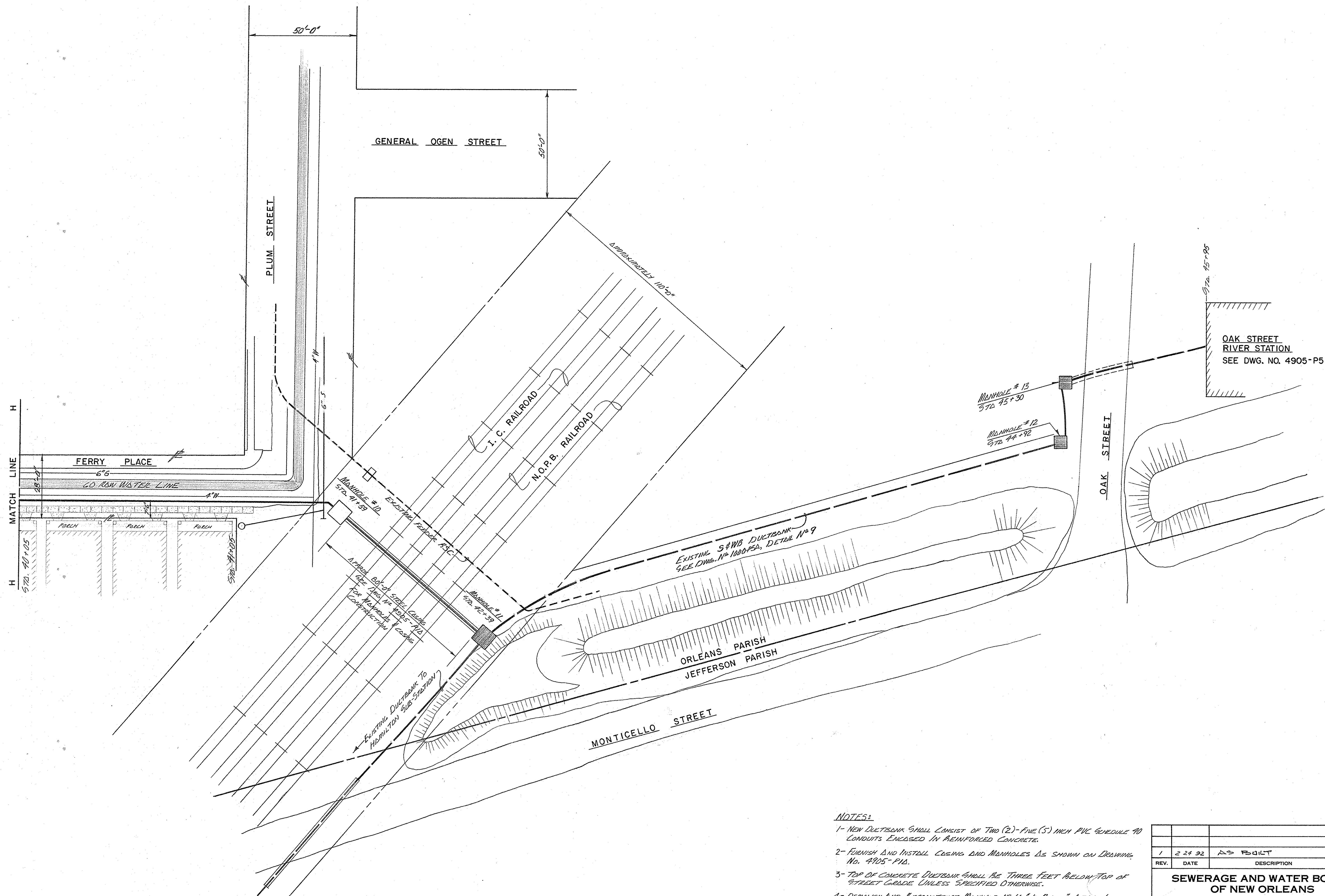
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
CONTRACT 6198 1990 CONSTRUCTION OF FEEDER "RSE"			
FEEDER "RSE" HOLLY GROVE AND BIRCH STREETS			
DR. D. BELL			
TRC.			
CK. C. Paine			
AP. [Signature]			
SCALE 1"=20'-0"	DWG. No. 4905-P2		
DATE 7-25-90	SETNO.	SHEETNO.	



NOTES:

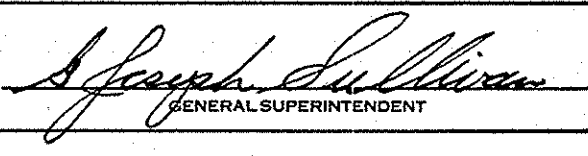
- 1- NEW DUCTBANK SHALL CONSIST OF TWO (2) FIVE (5) INCH GALVANIZED STEEL CONDUITS ENCASED IN REINFORCED CONCRETE BETWEEN STATIONS 30+65 AND 31+05. SEE DETAIL #7, DWG. # 100-PSA.
- 2- NEW DUCTBANK SHALL CONSIST OF TWO (2) FIVE (5) INCH PVC SCHEDULE 40 CONDUITS ENCASED IN REINFORCED CONCRETE AS PER SPECIFICATIONS. SEE DETAIL #7, DWG. # 100-PSA.
- 3- CONSTRUCT MANHOLES #8 AND #9 AT STATION 30+65 AND 36+05 RESPECTIVELY.
- 4- TOP OF CONCRETE DUCTBANK SHALL BE THREE FEET BELOW TOP OF STREET GADGE UNLESS SPECIFIED OTHERWISE.
- 5- DEPTH OF MANHOLES SHALL BE SIX FEET. SEE DRAWING # 100-PSA.
- 6- CONTRACTOR SHALL BE ALLOWED TO OPEN-CUT STREET AS PER SPECIFICATIONS.
- 7- FERTILIZE AND REED EXCAVATED AREAS AS PER SPECIFICATIONS.
- 8- CONTRACTOR SHALL NOT BE ALLOWED TO LEAVE ANY SECTION OF TRENCH OPEN MORE THAN EIGHT HOURS BETWEEN STATION 31+05 TO 34+05 (S&WB R/W) AND STATION 38+05 TO 41+05 (FERRY PLACE) SEE DRAWING # 4905-P4.

REV.	DATE	DESCRIPTION	BY
1	2-24-94		J.L.B.
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
CONTRACT 6198 1990 CONSTRUCTION OF FEEDER "RSE"			
FEEDER "RSE" BIRCH STREET, S&WB R/W & FERRY PLACE			
DR. D. BELL	 GENERAL SUPERINTENDENT		
TRC.			
CK. C. P. H. H.			
AP. M. H. H.			
SCALE 1"=20'-0"		DWG. NO. 4905-P3	
DATE 7-25-90	SETNO.	SHEETNO.	



NOTES:

- 1- NEW DUCTBANK SHALL CONSIST OF TWO (2) - FIVE (5) INCH P.V.C. SCHEDULE 40 CONDUITS ENCASED IN REINFORCED CONCRETE.
- 2- FURNISH AND INSTALL CASING AND MANHOLES AS SHOWN ON DRAWING, NO. 4905-P10.
- 3- TOP OF CONCRETE DUCTBANK SHALL BE THREE FEET BELOW TOP OF STREET GRADE UNLESS SPECIFIED OTHERWISE.
- 4- DEMOLISH AND RECONSTRUCT MANHOLE NO. 11 "IN PLACE" AFTER INSTALLATION OF CASING PIPE AND CONDUITS.

REV.	DATE	DESCRIPTION	BY
1	2-24-92	AS BUILT	J.L.B.
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
CONTRACT 6198 1990 CONSTRUCTION OF FEEDER "RSE"			
FEEDER "RSE" FERRY PLACE, R/R CROSSING AND OAK STREET			
DR. D. BELL			
TRC			
CK. C. Bell			
AP. J. L. Bell			
SCALE 1"=20'-0"		DWG. NO. 4905-P4	
DATE 7-25-90	SET NO.	SHEET NO.	

OAK STREET
RIVER STATION
SEE DWG. NO. 4905-P5

MANHOLE #13
372+75+30

MANHOLE #12
372+74+92

EXISTING 36" DUCTBANK
SEE DWG. NO. 1000-PSA, DETAIL NO. 9

ORLEANS PARISH
JEFFERSON PARISH

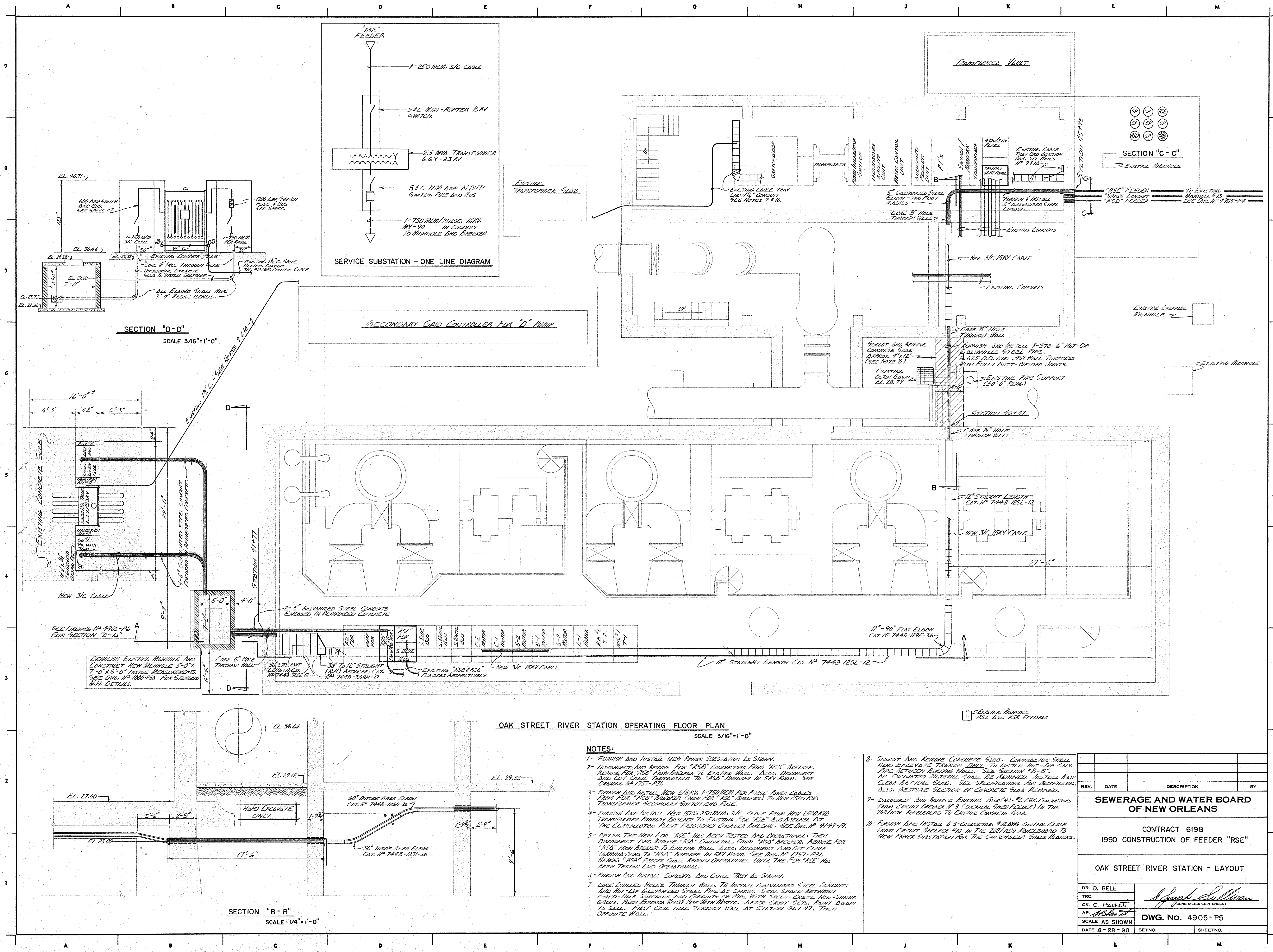
MONTICELLO STREET

GENERAL OGEN STREET

PLUM STREET

FERRY PLACE

MATCH LINE
H
572+40+05
572+41+05
572+42+05
572+43+05
572+44+05
572+45+05
572+46+05
572+47+05
572+48+05
572+49+05
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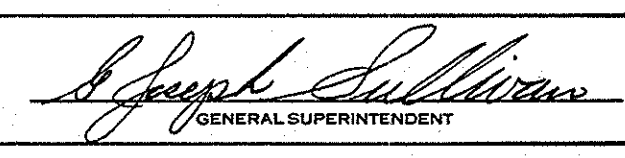
OAK STREET RIVER STATION OPERATING FLOOR PLAN

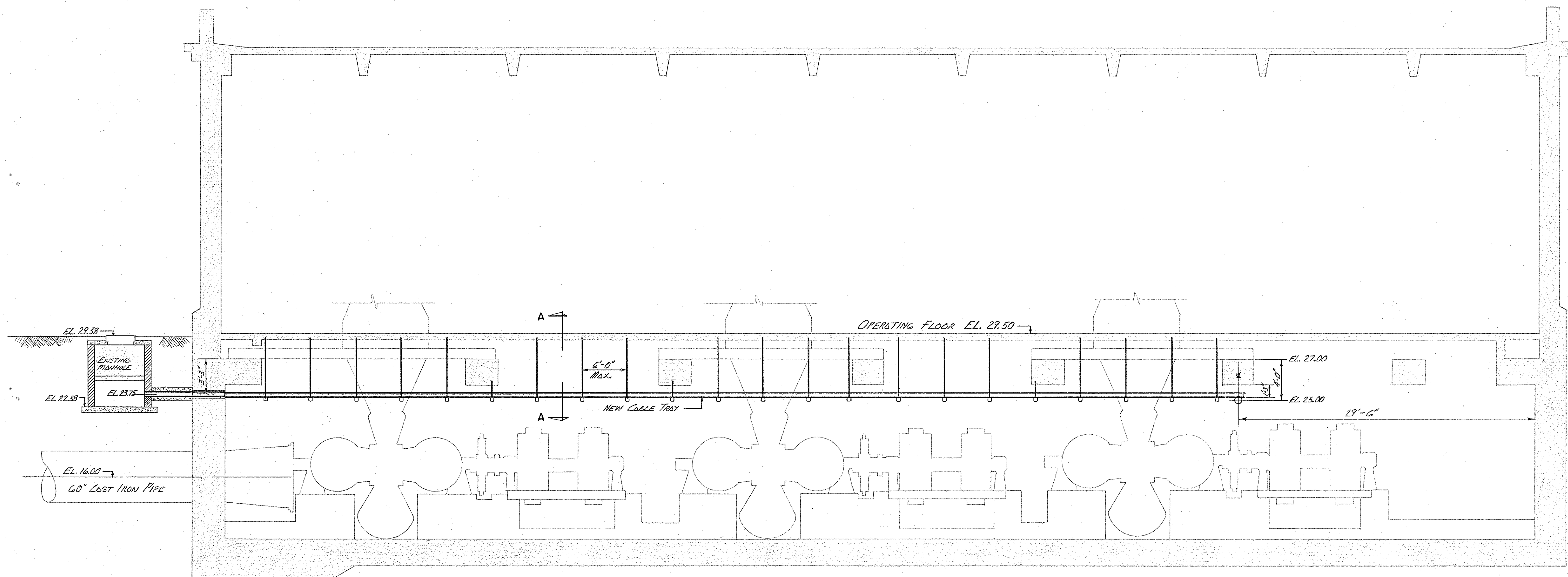
SCALE 3/16"=1'-0"

NOTES:

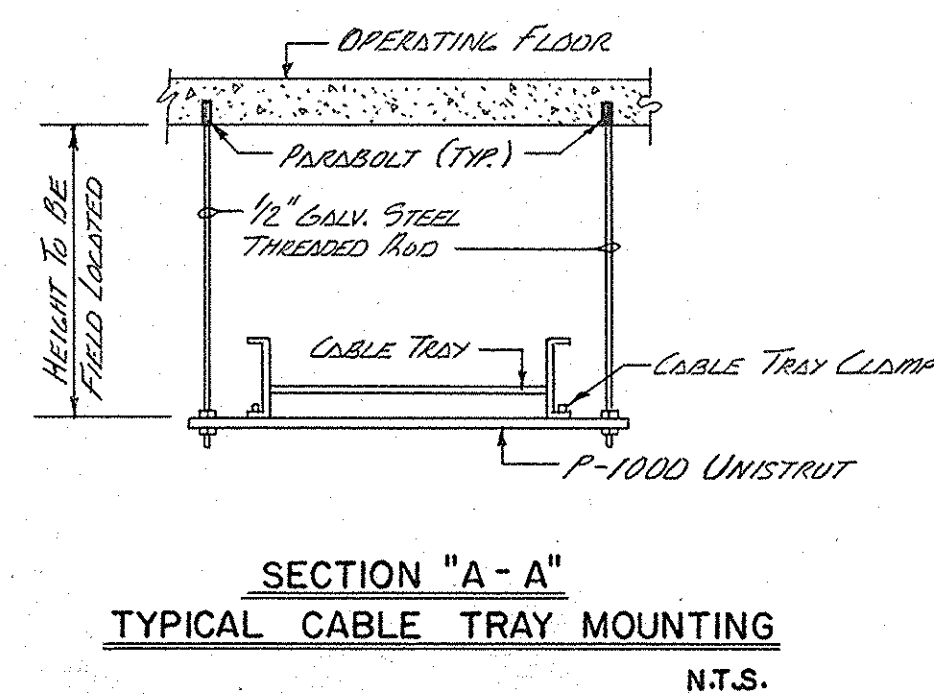
- 1- FURNISH AND INSTALL NEW POWER SUBSTATION AS SHOWN.
- 2- DISCONNECT AND REMOVE FOR "RSE" CONDUITS FROM "RSE" BREAKER. REMOVE FOR "RSE" FROM BREAKER TO EXISTING WALL. ALSO DISCONNECT AND CUT CABLE TERMINATIONS TO "RSE" BREAKER IN SKY ROOM. SEE DRAWING NO. 1751-P31.
- 3- FURNISH AND INSTALL NEW 5/8" DIA. 1-750 MCM PER PHASE POWER CABLES FROM FOR "RSE" BREAKER (NEW FOR "RSE" BREAKER) TO NEW 2500 KVA TRANSFORMER SECONDARY SWITCH AND FUSE.
- 4- FURNISH AND INSTALL NEW 15KV 2500 MCM 3/C CABLE FROM NEW 2500 KVA TRANSFORMER PRIMARY BREAKER TO EXISTING FOR "RSE" BUS BREAKER AT THE LABORATORY PLANT FREQUENCY CHANGER BUILDING. SEE DWG. NO. 4149-P4.
- 5- AFTER THE NEW FOR "RSE" HAS BEEN TESTED AND OPERATIONAL, THEN DISCONNECT AND REMOVE "RSE" CONDUITS FROM "RSE" BREAKER. REMOVE FOR "RSE" FROM BREAKER TO EXISTING WALL. ALSO DISCONNECT AND CUT CABLE TERMINATIONS TO "RSE" BREAKER IN SKY ROOM. SEE DWG. NO. 1751-P31. HOWEVER "RSE" FEEDER SHALL REMAIN OPERATIONAL UNTIL THE FOR "RSE" HAS BEEN TESTED AND OPERATIONAL.
- 6- FURNISH AND INSTALL CONDUITS AND CABLE TRAY AS SHOWN.
- 7- CORE DRILLED HOLES THROUGH WALLS TO INSTALL GALVANIZED STEEL CONDUITS AND 1/2" DIA GALVANIZED STEEL PIPE AS SHOWN. SEAL SPACE BETWEEN CORED-HOLE SURFACES AND CONDUITS OR PIPE WITH SPEED-SETTE. NON-SHOWN GRUNT. POINT EXTERIOR WALLS PIPE WITH MASTIC. AFTER GRUNT SETS, POINT AGAIN TO SEAL. FIRST CORE HOLE THROUGH WALL AT STATION #46+47, THEN OPPOSITE WALL.

- 8- SAWCUT AND REMOVE CONCRETE SLAB. CONTRACTOR SHALL HAND EXCAVATE TRENCH ONLY TO INSTALL HOT-DIP GALV. PIPE BETWEEN BUILDING WALLS. SEE SECTION 28-B". ALL EXCAVATED MATERIAL SHALL BE REMOVED. INSTALL NEW CLEAR BATTURE SAND. SEE SPECIFICATIONS FOR BACKFILLING. ALSO, RESTORE SECTION OF CONCRETE SLAB REMOVED.
- 9- DISCONNECT AND REMOVE EXISTING FOUR (4) 1/2" DIA CONDUITS FROM CIRCUIT BREAKER #3 (CHEMICAL SPEED FEEDER) IN THE 208/120V PANELBOARD TO EXISTING CONCRETE SLAB.
- 10- FURNISH AND INSTALL 3-CONDUCTOR, #2 AWG CONTROL CABLE FROM CIRCUIT BREAKER #40 IN THE 208/120V PANELBOARD TO NEW POWER SUBSTATION FOR THE SWITCHGEAR SPEED HEATERS.

REV.	DATE	DESCRIPTION	BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
CONTRACT 6198 1990 CONSTRUCTION OF FEEDER "RSE"			
OAK STREET RIVER STATION - LAYOUT			
DR. D. BELL			
TRC.			
CK. C. Fournier			
AP. [Signature]			
SCALE AS SHOWN		DWG. NO. 4905-P5	
DATE 8-28-90	SETNO.	SHEETNO.	

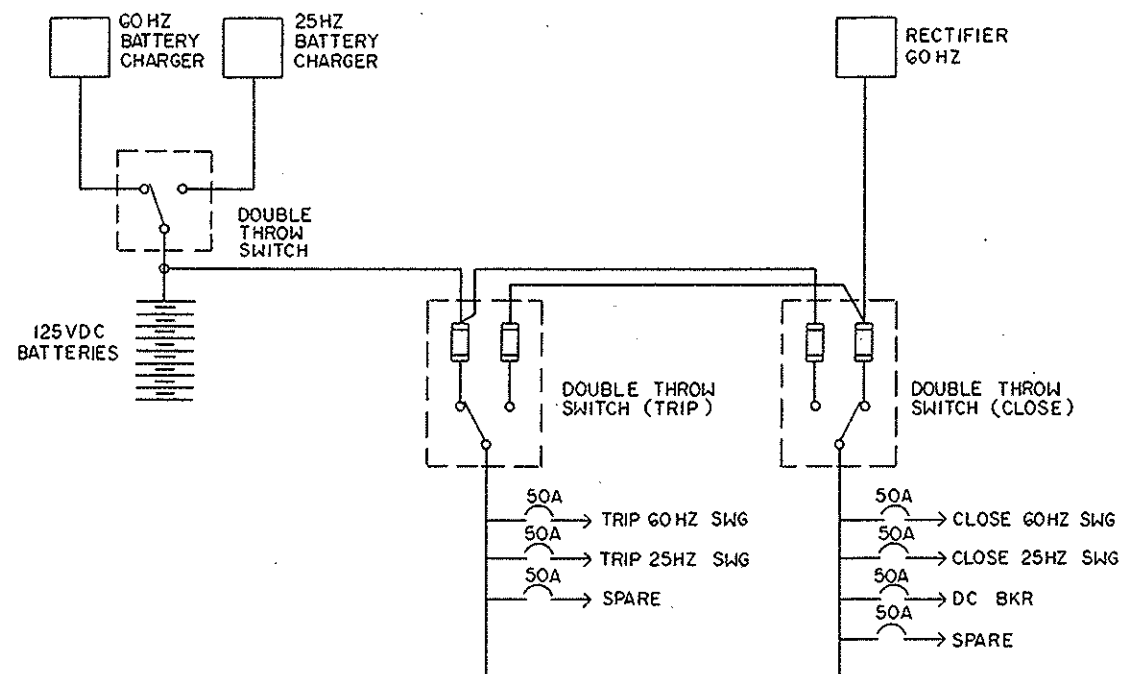


LONGITUDINAL SECTION "A - A" | SEE SHEET 4905-P5
SCALE 3/16"=1'-0"

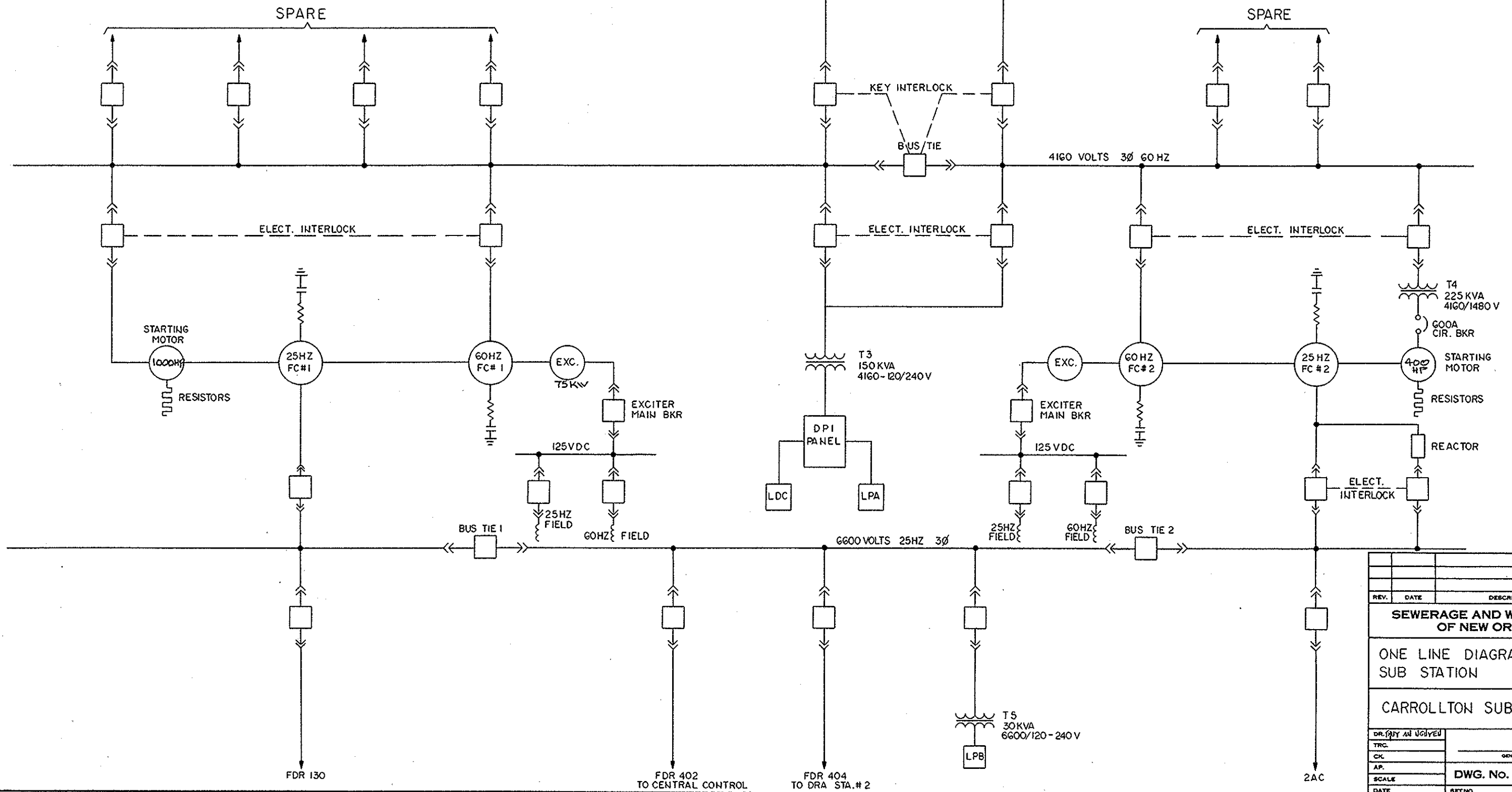


REV.	DATE	DESCRIPTION	BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
CONTRACT 6198 1990 - CONSTRUCTION OF FEEDER "RSE"			
LOW LIFT RIVER PUMPING STATION LONGITUDINAL SECTION "A-A"			
DR. D. BELL			
TRC.			
CK. C. Paniel			
AP. [Signature]			
SCALE 3/16"=1'-0"		DWG. NO. 4905 - P6	
DATE 8-29-90	SET NO.		SHEET NO.

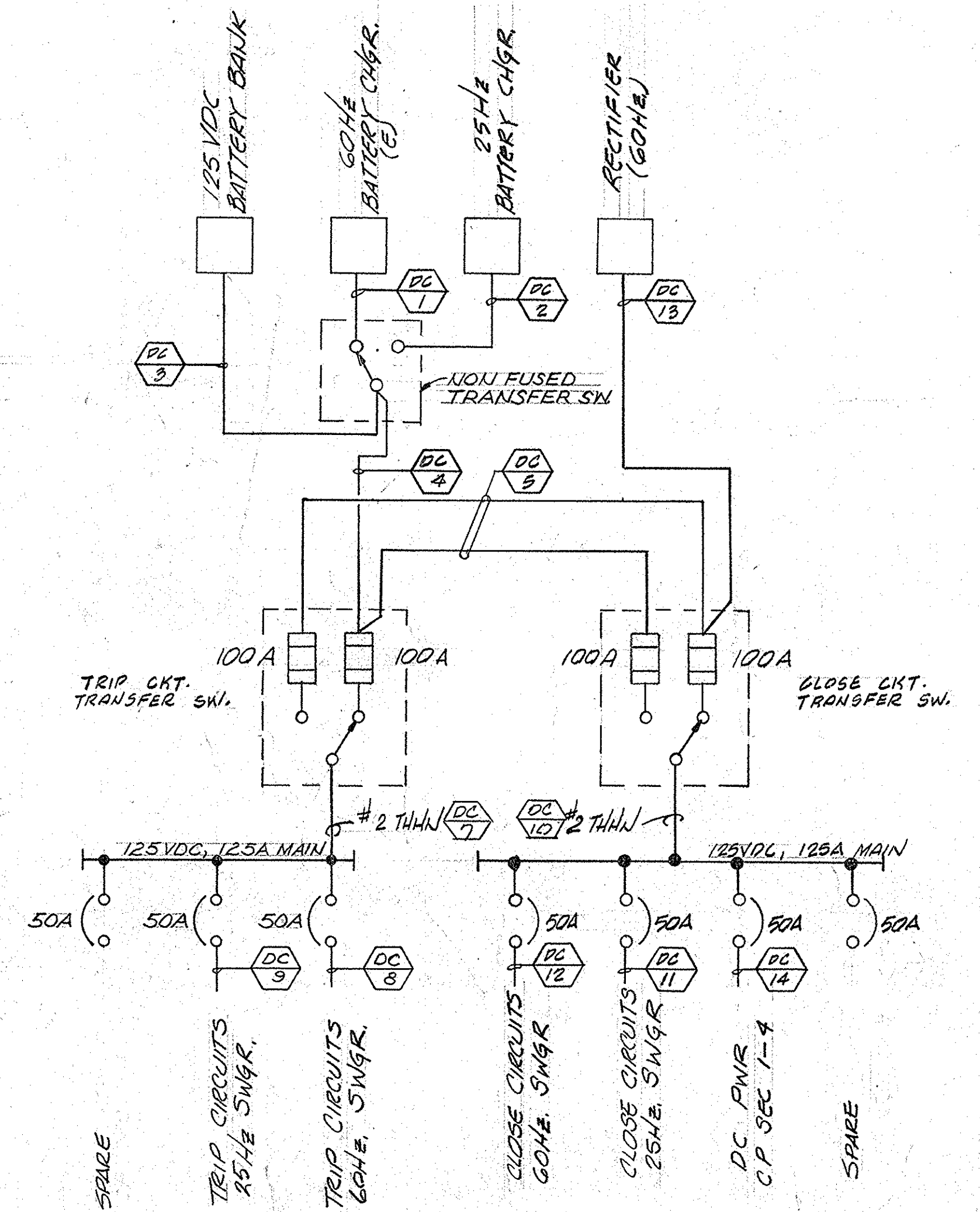
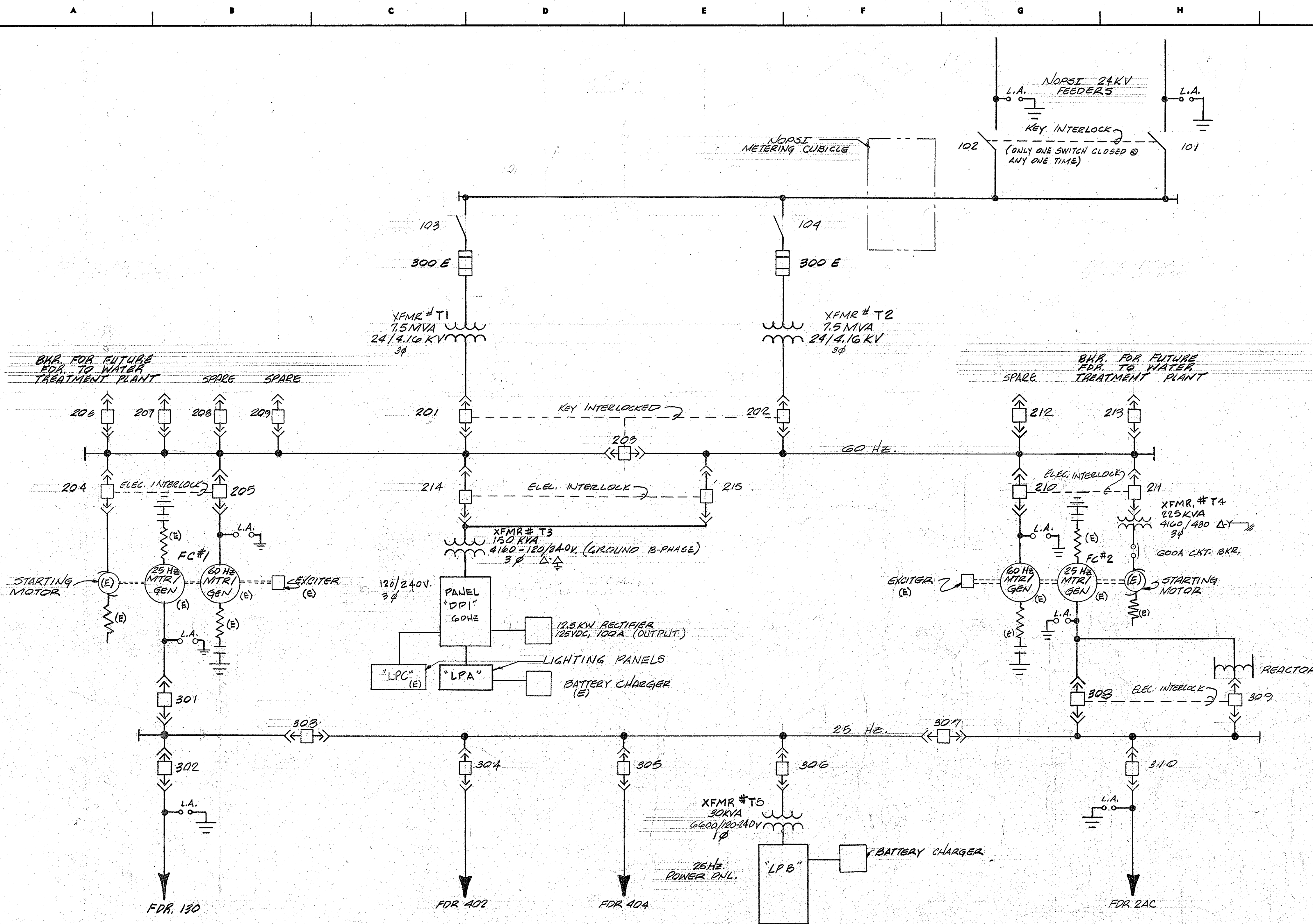
AS-BUILT MAPS FOR FEEDER CFC



DC CONTROL CIRCUIT ONE LINE DIAGRAM



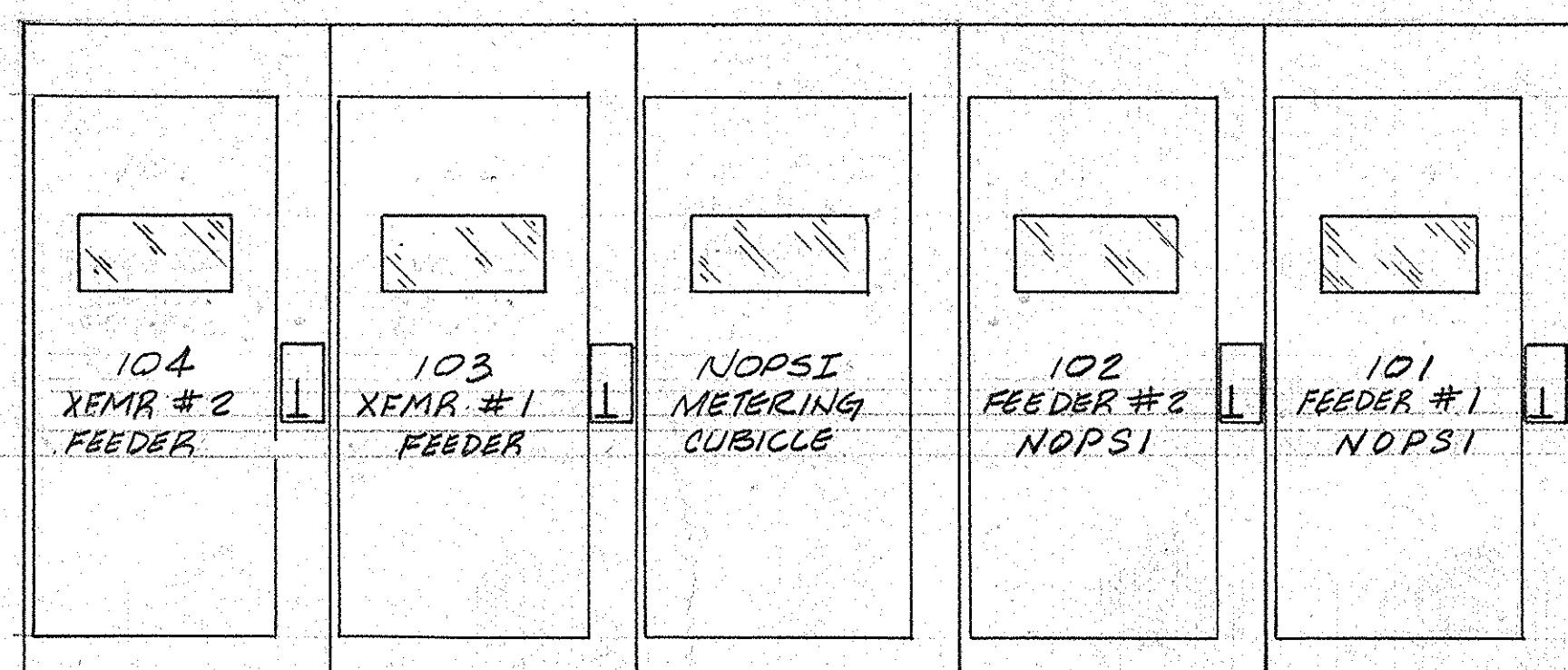
REV.	DATE	DESCRIPTION	BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
ONE LINE DIAGRAM CARROLLTON SUB STATION			
CARROLLTON SUB STATION			
DR. BY AD JOLYEN		GENERAL SUPERINTENDENT	
TRC.			
CK.			
AP.			
SCALE		DWG. No. 1816-P40	
DATE		SET NO.	SHEET NO.



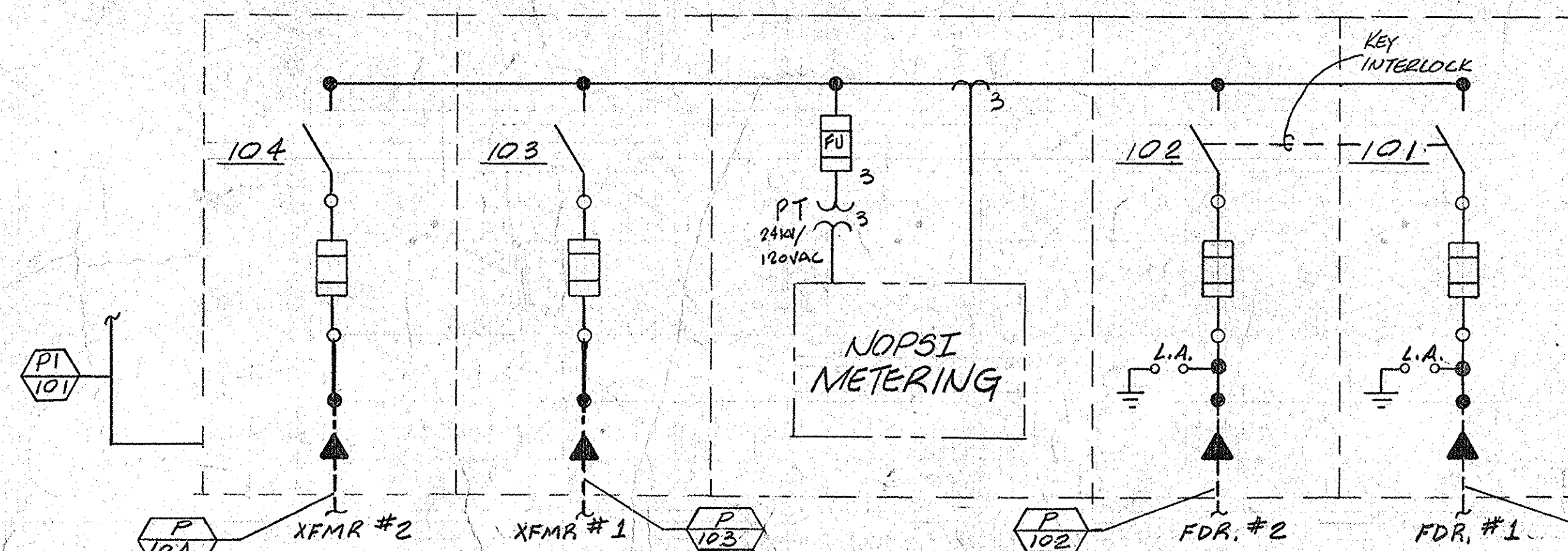
DC CONTROL ONE LINE DIAGRAM
SCALE NONE

NOTE:
(E) - INDICATES EXISTING EQUIP.

THESE PLANS AND SPECIFICATIONS HAVE BEEN PREPARED BY OR UNDER MY CLOSE PERSONAL SUPERVISION AND TO THE BEST OF MY OWN KNOWLEDGE AND BELIEF THEY COMPLY WITH ALL CITY REQUIREMENTS FOR THE WORK SUPERVISING THE WORK.
ENGINEER *Wink* REG. NO. 18125



25 KV OUTDOOR SWGR.
ELEVATION
SCALE NONE (A) P-10

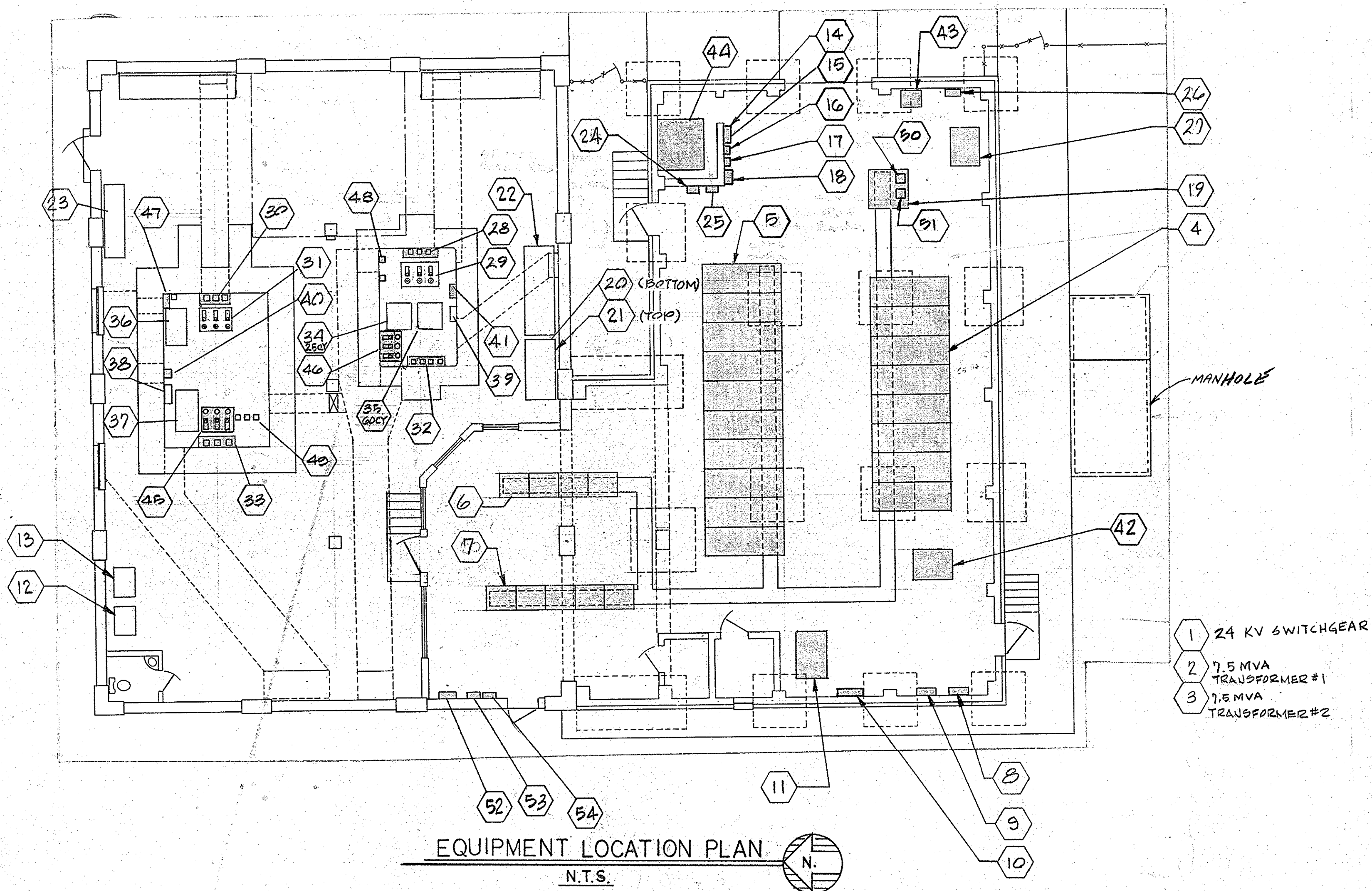


25KV SWGR.
ONE LINE DIAGRAM
SCALE NONE

WINK ENG. DATE BY	DRAWING ISSUE	CLIENT DATE BY
8/24/99	PRELIMINARY	
11/24/00	FOR APPROVAL	
	APPROVED AS NOTED	
	APPROVED FOR CONSTRUCTION	
WINK DWG. NO. 11-020684-P-1101		



REV.	DATE	DESCRIPTION	BY
1	6-10-88	ADDED AS BUILT DATA FURNISHED BY SFWWS AND COUTE.	K.P.
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
WINK ENGINEERING A DIVISION OF WINK INC. NEW ORLEANS, LOUISIANA			
FREQUENCY CHANGER BLDG. EXPANSION CARROLLTON STATION ELEMENTARY BLOCK DIAGRAM			
DR. D.C. FRECHET			
TRC.			
CK. DR. FROELICH			
AP.			
SCALE NONE			
DATE 8-22-83			
SET NO.			
SHEET NO.			
DWG. NO. 4797-P-2			



BILL OF MATERIAL		
ITEM	DESCRIPTION	WORK REQUIRED
1	24KV SWITCHGEAR (SEE EQUIP. SPEC.)	INSTALL NEW
2	TRANSFORMER #1, 7.5 MVA, 24KV/4160V. (SEE EQUIP. SPEC.)	INSTALL NEW
3	TRANSFORMER #2, 7.5 MVA, 24KV/4160V. (SEE EQUIP. SPEC.)	INSTALL NEW
4	6600 VOLT, 25 HZ, SWITCHGEAR (SEE EQUIP. SPEC.)	INSTALL NEW
5	4160VOLT, 60 HZ, SWITCHGEAR (SEE EQUIP. SPEC.)	INSTALL NEW
6	CONTROL PANEL, SECTIONS 1-4 (SEE EQUIPMENT SPEC.)	MODIFY & RELOCATE
7	CONTROL PANEL, SECTIONS 5-9 (SEE EQUIPMENT SPEC.)	INSTALL NEW
8	25 HZ POWER PANEL, 120/240V, 1 P, 3 W, 100 A MAIN CIRCUIT BREAKER SQ. D" NQO-2 - 3A, SURFACE MOUNT, WITH NQO BREAKERS	INSTALL NEW
9	60 HZ LIGHTING PANEL, 120/240V, 1 P, 4 W, 225 A MAIN LG ONLY SQ. D" NQO-42-4L SURFACE MOUNT, WITH NQO BREAKERS	INSTALL NEW
10	60 HZ POWER PANEL, 120/240V, 3 P, 4 W, 400 A MAIN CIRCUIT BREAKER SQ. D" HCN-2654-B WITH "FA" TYPE BRANCH BREAKERS	INSTALL NEW
11	TRANSFORMER #3, 150 KVA, 4160-120/240V, 3 PH, 60 HZ DELTA-DELTA, DRY TYPE, INDOORS WITH (2) 2 1/2% TAPS ABOVE & BELOW, GROUND "B" PHASE	NEW
12	FIELD RHEOSTAT, FC #1, 60 HZ MACHINE	EXISTING - TO REMAIN (CLEAN CONTACTS & CHECK)
13	FIELD RHEOSTAT, FC #1, 25 HZ MACHINE	EXISTING - TO REMAIN (CLEAN CONTACTS & CHECK)
14	BATTERY CHARGER, 60 HZ	EXISTING - TO BE RELOCATED
15	BATTERY CHARGER, POWER-12 CONVERSION PRODUCTS (OR EQUAL) MODEL NO. RU-150-12 OPTIONS 1-2-4-B-T-B-11-14, EXCEPT 25 HZ.	NEW
16	BATTERY CHARGER TRANSFER SWITCH, 130VDC 2 POLE, DOUBLE THROW NON FUSED 100 AMP, SQUARE "D" CAT. # B2233F OR EQUAL	NEW

BILL OF MATERIAL		
ITEM	DESCRIPTION	WORK REQUIRED
17	TRANSFER SWITCH FOR CLOSING CIRCUITS, 130VDC, 2 POLE, DOUBLE THROW, WITH 100 AMP FUSES IN BOTH PRIMARIES, SQUARE "D" CAT. # B2233F OR EQUAL	NEW
18	DISTRIBUTION PANEL FOR CLOSING CIRCUITS, 130VDC, 100 A, 1 P, 2 W, MAIN LG ONLY GE # 240NAB-8 POLES	NEW
19	DC FIELD SWITCHGEAR, 130VDC	EXISTING - TO BE RELOCATED
20	FIELD RHEOSTAT, FC #2, 60 HZ MACHINE	RECONDITION EXISTING EQUIP.
21	FIELD RHEOSTAT, FC #2, 25 HZ MACHINE	RECONDITION EXISTING EQUIP.
22	ROTOR RESISTOR FOR FC #2 STARTING MOTOR	EXISTING - TO REMAIN
23	ROTOR RESISTOR FOR FC #1 STARTING MOTOR	EXISTING - TO REMAIN
24	DISTRIBUTION PANEL FOR TRIP CIRCUIT, 130VDC, 100 A, 1 P, 2 W, MAIN LG ONLY GE # 240NAB-8 POLES	NEW
25	TRANSFER SWITCH FOR TRIP CIRCUITS, 130VDC, 2 POLE, DOUBLE THROW, WITH 100 A FUSES IN BOTH PRIMARIES, SQUARE "D" CAT. # B2233F OR EQUAL	NEW
26	CIRCUIT BREAKER, 480, 3 P, 600 A, MOLDED CASE MAGNETIC ONLY, FOR FC #2 STARTING MOTOR 220 H.P., SQUARE "D" CAT. # LAL 36602 WITH ENCLOSURE # LAG600F OR EQUAL	NEW
27	TRANSFORMER #4, 225 KVA, 4160/480V, 3 PH, 60 HZ, DRY TYPE, INDOOR, DELTA-WYE, WITH (2) 2 1/2% TAPS ABOVE & BELOW SQUARE "D" CAT. # 225T10H OR EQUAL	NEW
28	CURRENT METERING TRANSFORMER, QTY. (3) 400/5 LINE CURRENT QTY. (1) 100/5 NEUTRAL CURRENT, FOR 6600V, 3 PH, 25 HZ, APPLICATION	FURNISHED BY SWITCHGEAR VENDOR
29	LIGHTNING ARRESTORS & SURGE CAPACITORS	EXISTING - TO REMAIN
30	METERING CURRENT TRANSFORMERS QTY. (3) 800/5 LINE CURRENT QTY. (1) 200/5 NEUTRAL CURRENT FOR 6600V, 3 PH, 25 HZ, APPLICATION	FURNISHED BY SWITCHGEAR VENDOR
31	LIGHTNING ARRESTORS & SURGE CAPACITORS	EXISTING - TO REMAIN
32	CURRENT METERING TRANSFORMERS, QTY. (3) 400/5 LINE CURRENT QTY. (1) 100/5 NEUTRAL CURRENT, FOR 4160V, 3 PH, 60 HZ APPLICATION	FURNISHED BY SWITCHGEAR VENDOR
33	CURRENT METERING TRANSFORMERS, QTY. (3) 1200/5 LINE CURRENT QTY. (1) 200/5 NEUTRAL CURRENT FOR 4160V, 3 PH, 60 HZ APPLICATION	FURNISHED BY SWITCHGEAR VENDOR
34	NEUTRAL GROUNDING RESISTOR FOR FC #2, 25 HZ MACHINE	EXISTING
35	NEUTRAL GROUNDING RESISTOR FOR FC #2, 60 HZ MACHINE	EXISTING - CHECKOUT & RECONNECT
36	NEUTRAL GROUNDING RESISTOR FOR FC #1, 25 HZ MACHINE	EXISTING
37	NEUTRAL GROUNDING RESISTOR FOR FC #1, 60 HZ MACHINE	EXISTING - CHECKOUT & RECONNECT
38	TERMINAL BOX, FC #1 METERING	EXISTING
39	TERMINAL BOX, FC #2 METERING	EXISTING
40	GROUND CONTACTOR, FC #1 60 HZ (SEE SPEC.) WITH NEMA-12 ENCLOSURE	NEW
41	GROUND CONTACTOR, FC #2 60 HZ (SEE SPEC.) WITH NEMA-12 ENCLOSURE	NEW
42	TRANSFORMER #5, 30 KVA, DRY TYPE, 6600V/120-240 1 P, 25 HZ, INDOOR	NEW
43	RECTIFIER, 12.5 KW, OUTPUT 130V, 100 A DC, INPUT 240 V, 3 P LEMARCHE A-28-100-130V	NEW
44	BATTERY BANK, 130 V. DC	RELOCATE EXISTING; FAB NEW RACK
45	LIGHTNING ARRESTORS & SURGE CAPACITORS FOR 4160V, 3 P, 60 HZ MOTOR PROTECTION (SEE SPEC.)	NEW
46	LIGHTNING ARRESTORS & SURGE CAPACITORS FOR 4160V, 3 P, 60 HZ MOTOR PROTECTION (SEE SPEC.)	NEW
47	GROUND CONTACTOR FC #1 25 HZ (SEE SPEC.) WITH NEMA-12 ENCLOSURE	NEW
48	GROUND CONTACTOR FC #2 25 HZ (SEE SPEC.) WITH NEMA-12 ENCLOSURE	NEW
49	METERING C.T.'S	EXISTING - TO BE REMOVED
50	FIELD ADJUSTING RHEOSTAT - FC 2 EXCITER	EXISTING
51	FIELD ADJUSTING RHEOSTAT - FC 1 EXCITER	EXISTING
52	60 HZ POWER PANEL, 120/240V, 3 P, 4 W, 225 A MAIN, 400 A	RELOCATE EXISTING & REPLACE W/ NEW
53	MOTOR STARTER OIL PUMP #FC-1	EXISTING (NOTE-1)
54	MOTOR STARTER OIL PUMP #FC-1	EXISTING (NOTE-1)

THESE PLANS AND SPECIFICATIONS HAVE BEEN PREPARED BY OR UNDER MY CLOSE PERSONAL SUPERVISION AND TO THE BEST OF MY OWN KNOWLEDGE AND BELIEF, THEY COMPLY WITH ALL CITY REQUIREMENTS. I AM SUPERVISING, NOT SUPERVISING THE WORK.

ENGINEER CRAIG W. LEE REG. NO. 18125

NOTES:

1. EQUIPMENT TO BE REMOUNTED AS NECESSARY TO ACCOMMODATE NEW HIGHER FLOOR IN CONTROL ROOM ONLY.

REV.	DATE	DESCRIPTION	BY
6-10-88		ADDED AS BUILT DATA FURNISHED BY 2, 3 W.D. AND CONT.	K.B.

SEWERAGE AND WATER BOARD OF NEW ORLEANS

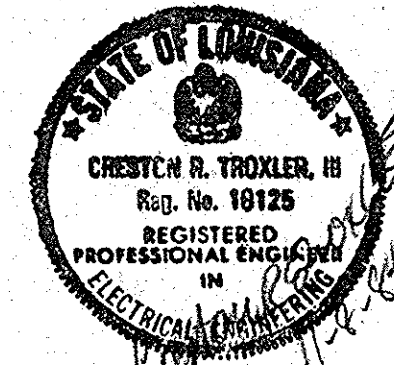
WINK ENGINEERING
A DIVISION OF WINK, INC.
NEW ORLEANS, LOUISIANA

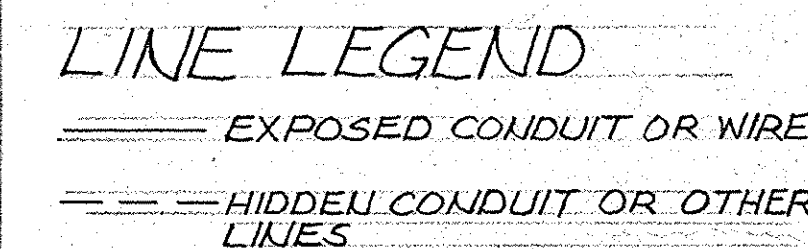
FREQUENCY CHANGER BLDG. EXPANSION
CARROLLTON STATION
EQUIP. LOCATION PLAN & SCHED.

DR. R.M. TRC.	DATE	BY
CK. <u>CRAIG W. LEE</u>		
AP.		
SCALE NONE		
DATE 7-9-84	SETNO.	SHEETNO.

DWG. No. 4797-P-5

WINK ENG. DATE BY	DRAWING ISSUE	CLIENT DATE BY
2/2/84 J.W.	PRELIMINARY FOR APPROVAL	
11/9/84 J.W.	APPROVED AS NOTED	
WINK DWG. No. 11-020684-P-1201	APPROVED FOR CONSTRUCTION 1/15/85 J.P.	






NOTE:

1.) POLE AND CROSSARM CONFIGURATION IS SHOWN DIAGRAMMATICALLY. FIELD DETERMINE EXACT ARRANGEMENT BASED ON THE LATEST EDITION OF ANSI C2, "NATIONAL ELECTRICAL SAFETY CODE"

2) PROVIDE TWO (2) HOT DIP GALV STEEL
SPlice SUPPORTS AT EACH EAREHART
BLVD. MAIHOLE, FOR A TOTAL OF 4,
CONSTRUCTED OF 12"x12"x1/4" BASE
PLATE, 4" PIPE STANCHION BODY OF
LENGTH JUDGED OPTIMAL IN THE
FIELD, AND 2" WIDE HALF CIRC
SECTION OF HEAVY WALL 8" PIPE
SADDLE, WELDED TO STANCHION.
TRIFURCATING SPLICES ARE
REQUIRED. SEE THE JOB SPEC.,
SECTION 16.31.

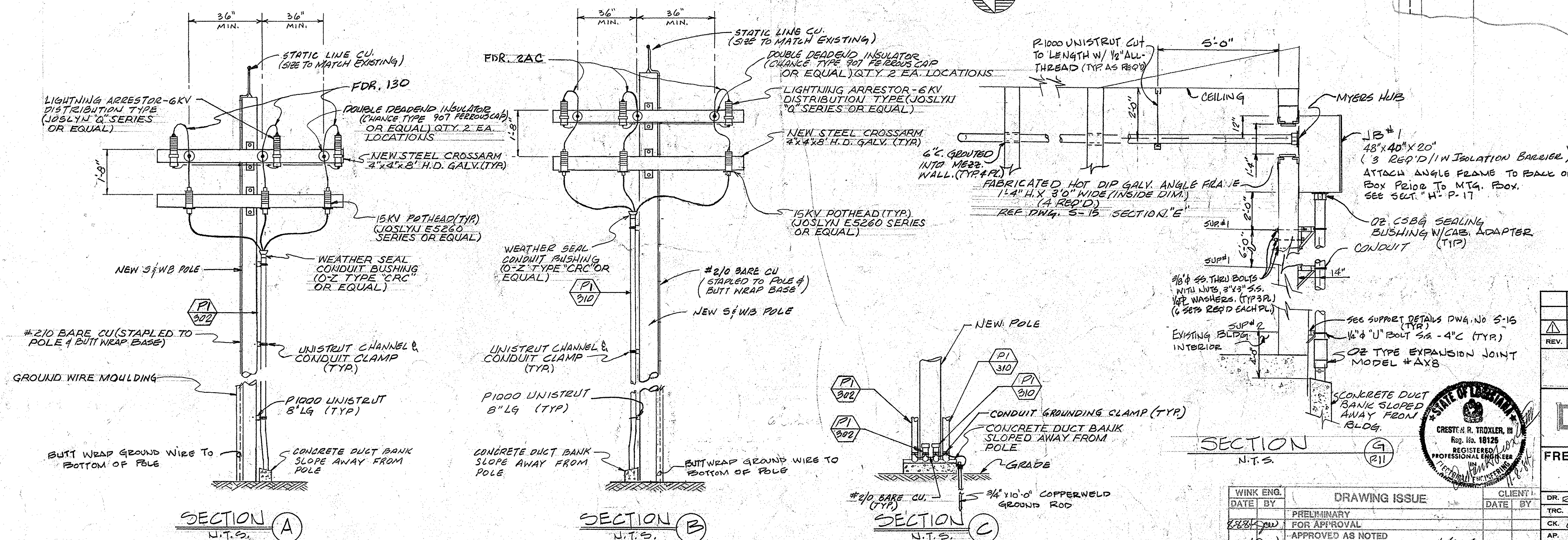
3) CONTRACTOR TO COORDINATE ALL
U.G. CONDUIT & GROUNDING WITH
CIVIL CONTRACTOR PRIOR TO
POURING CONCRETE
THESE PLANS AND SPECIFICATIONS HAVE
BEEN PREPARED BY OR UNDER MY OR OWN
CLOSE PERSONAL SUPERVISION AND TO
THE BEST OF MY OR OWN KNOWLEDGE
AND BELIEF, THEY COMPLY WITH ALL CITY
REQUIREMENTS. I AM SUPERVISING NOT
SUPERVISING THE WORK

SEWERAGE AND WATER BOARD
OF NEW ORLEANS

WINK ENGINEERING
A DIVISION OF WINK, INC.
NEW ORLEANS, LOUISIANA

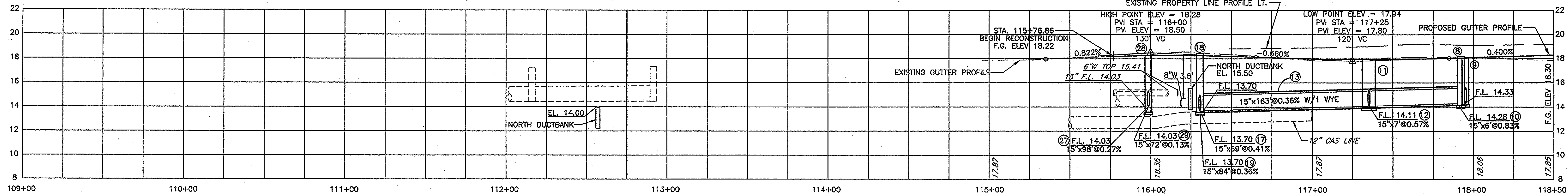
FREQUENCY CHANGER BLDG. EXPANSION
CARROLLTON STATION
ELECT. SITE PLAN & POLE DET.

DR. E.M.	 GENERAL SUPERINTENDENT	
TRC.		
CK. <i>CRD/14</i>		
AP.		
SCALE <i>NONE</i>		
DATE <i>7-13-24</i>	SET NO.	SHEET NO.



WINK ENG.	DRAWING ISSUE
DATE BY	
12/28/90 JEW	PRELIMINARY
	FOR APPROVAL
1/28/91 JEW	APPROVED AS NOTED
	APPROVED FOR CONSTRUCTION 1/15/95 JEW
DWG. NO.	WINK DWG. No. 11-020684-P-130

LEFT PROFILE



F.A.P.	D.P.W. PROJECT	STATE PROJECT	PARISH	SHEET NO.
6033(009)	91-ST-04	742-36-0008	ORLEANS	7

DESIGN EXCEPTION NO. 742070026-1
HORIZONTAL CLEARANCE THROUGHOUT CORRIDOR
APPROVED BY R.E. DILLON ON SEPTEMBER 28, 1998

DESIGN EXCEPTION NO. 742070026-3
USING RIGHT-OF-ENTRY TO BUILD SIDEWALK THROUGHOUT CORRIDOR
APPROVED BY R.E. DILLON ON SEPTEMBER 14, 1998

DESIGN EXCEPTION NO. 742360008-2
ONE FOOT CURB OFFSET FROM TRAVEL LANE ADJACENT TO NEW SIDEWALK
APPROVED BY R.E. DILLON ON SEPTEMBER 14, 1998

APPROXIMATE DRAINAGE STRUCTURE REMOVAL QUANTITIES		
PIPE SIZE	PIPE LENGTH RCP	PVC
6"	27	25
8"	297	25
10"	2753	
12"	1246	
15"	711	
18"	634	
21"	1112	
24"	23	
27"		
MANHOLES	50	
CATCH BASINS	43	

STA. 115+56.78 (E.B.)
STA. 115+76.86 (W.B.)
BEGIN RECONSTRUCTION

CURVE DATA
PI=116+08.69
Δ=4°56'2.75"
D=3'00'00"
T=82.29'
L=164.47'
R=1909.88'
e=1.77'
PC=115+28.40
PT=116+90.87

NOTE:

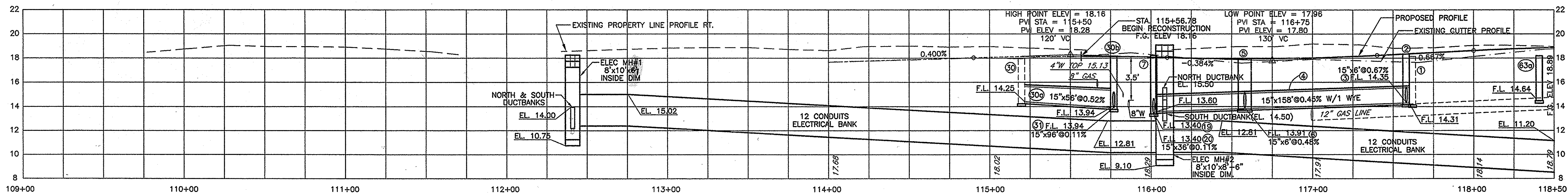
1. ALL EXISTING DRAINAGE STRUCTURES BETWEEN STATION 115+56.78 (E.B.)/115+76.86 (W.B.) AND STATION 118+00 ARE TO BE REMOVED UNLESS OTHERWISE NOTED OR AS DIRECTED BY THE PROJECT ENGINEER. (TO BE PAID UNDER ITEM 202(01) - REMOVAL OF STRUCTURES AND OBSTRUCTIONS).
2. ALL EXISTING M.H.'S SHOWN TO REMAIN WILL BE ADJUSTED TO GRADE AND PAID FOR UNDER ITEM 702(04)A - ADJUSTING MANHOLES.

NOTES FOR ELECTRICAL FEEDER LINE INSTALLATION:

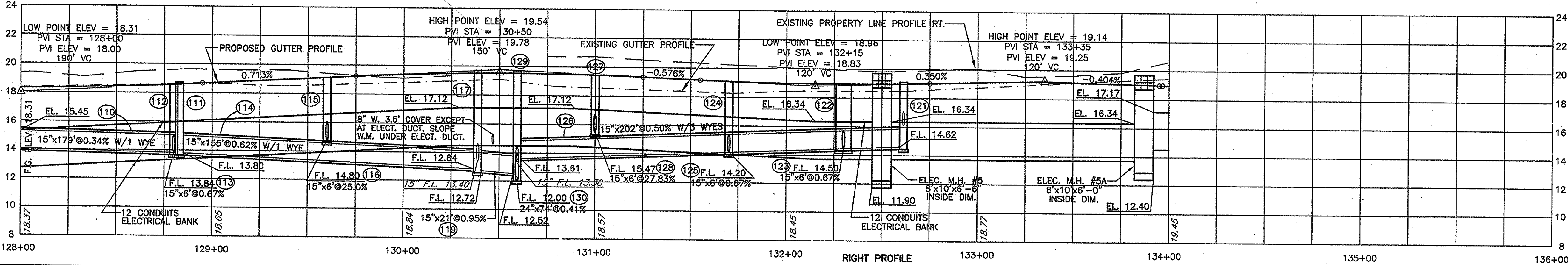
1. CONTRACTOR TO FURNISH AND INSTALL FOUR (4) - 6" SCHEDULE 40 PVC CONDUITS, ENCASED IN REINFORCED CONCRETE.
2. CONTRACTOR TO FURNISH AND INSTALL SIX (6) - 6" SCHEDULE 40 PVC CONDUITS, ENCASED IN REINFORCED CONCRETE.
3. CONTRACTOR TO FURNISH AND INSTALL TWELVE (12) - 6" SCHEDULE 40 PVC CONDUITS, ENCASED IN REINFORCED CONCRETE.
4. TOP OF DUCTBANK SHALL BE THREE (3) FEET BELOW STREET GRADE, UNLESS OTHERWISE SPECIFIED. SEE PROFILE.
5. CONTRACTOR TO FURNISH AND INSTALL NEW MANHOLES AS PER S&WB DWG. No.1000-P58.
6. EXTEND REBAR AND EACH CONDUIT END ONE (1) FOOT PAST THE CONCRETE ENCASUREMENT. PROVIDE A 1/2" PLYWOOD TEMPLET TO FORM DUCTBANK. PROVIDE A CONDUIT CAP OR PLUG FOR EACH CONDUIT.
7. FOR PROJECT @ GEOMETRICS, SEE SHEET 34.
8. REMOVAL AND REPLACEMENT OF CONCRETE ROADWAY BETWEEN STA. 112+32 AND STA. 115+56.78 TO BE INCLUDED UNDER ITEM S-201. APPROXIMATELY 195 SQ. YDS.

9. CONTRACTOR TO REMOVE AND INSTALL NEW (9) - (6") SCHEDULE 40 PVC CONDUITS ENCASED IN REINFORCED CONCRETE.

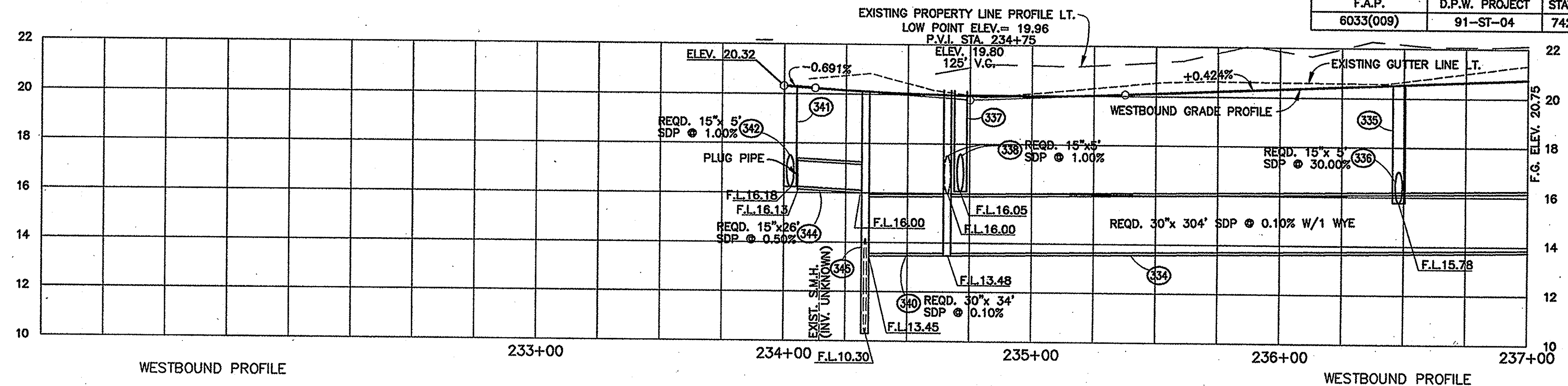
RIGHT PROFILE



STATE OF LOUISIANA
ALLAN GRAFTON COX
REG. NO. 18444
PROFESSIONAL ENGINEER

[illegible]

- GENERAL NOTES:
1. ALL EXISTING DRAINAGE STRUCTURES ARE TO BE REMOVED UNLESS NOTED OTHERWISE.
 2. THE ONLY ACCEPTABLE ALTERNATE TO S.D.P. IS R.C.P. (REINFORCED CONCRETE PIPE) UNLESS NOTED OTHERWISE.
 3. ALL EXISTING STREET LIGHTS SHALL REMAIN UNLESS NOTED OTHERWISE.
 4. EXISTING DRAIN LINES THAT CANNOT BE REMOVED SHALL BE FILLED WITH SAND AND PLUGGED BY THE CONTRACTOR.



REQUIRED DRAINAGE STRUCTURES

STR.-NO.	DESCRIPTION	INVERTS UPPER LOWER
EASTBOUND		
236	STA. 36+13 REQD. 36"x 308' SDP W/1 36"x 36"x 15" WYE	13.03 13.34
237	STA. 36+40 REQD. SDOCB	
238	STA. 36+38.5 REQD. 15"x5' SDP	15.59 14.09
239	STA. 34+59.5 REQD. STD. M.H. NO. 3	
240	STA. 34+61 REQD. 18"x 5' SDP	15.00 14.98
241	STA. 34+62.5 REQD. DVCB	
242	STA. 34+44.5 REQD. 36"x 31' SDP	13.03 13.00
243	STA. 34+01 REQD. VCB	
244	STA. 34+02.5 REQD. 15"x 5' SDP	15.17 15.12
246	STA. 34+16.5 REQD. 15"x 24' SDP W/1 15"x 15"x 15" WYE	15.12 15.00
248	EXIST. 42"x 46" SDP	
WESTBOUND		
334	STA. 236+20 REQD. 30"x 304' SDP W/1 30"x 30"x 15" WYE	13.79 13.48
335	STA. 236+48 REQD. VCB	
336	STA. 236+46.5 REQD. 15"x 5' SDP	15.78 14.28
337	STA. 234+71 REQD. DVCB	
338	STA. 234+69.5 REQD. 15"x 5' SDP	16.02 16.00
339	STA. 234+68 REQD. STD. M.H. NO. 2	
340	STA. 234+51 REQD. 30"x 34' SDP	13.48 13.45
341	STA. 234+05 REQD. VCB	
342	STA. 234+06.5 REQD. 15"x 5' SDP	16.18 16.13
344	STA. 234+21 REQD. 15"x 26' SDP W/1 15"x 15"x 15" WYE	16.13 16.00
▲ 345	STA. 234+34 REQD. STD. M.H. NO. 2	

▲ LOCATION OF DRAINAGE STRUCTURE TO BE SET IN FIELD BY PROJECT ENGINEER.

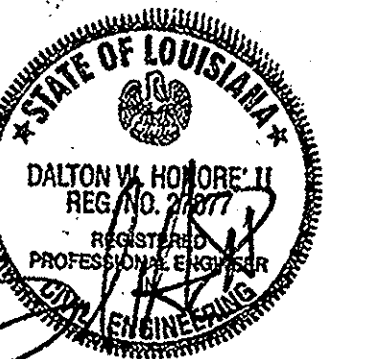
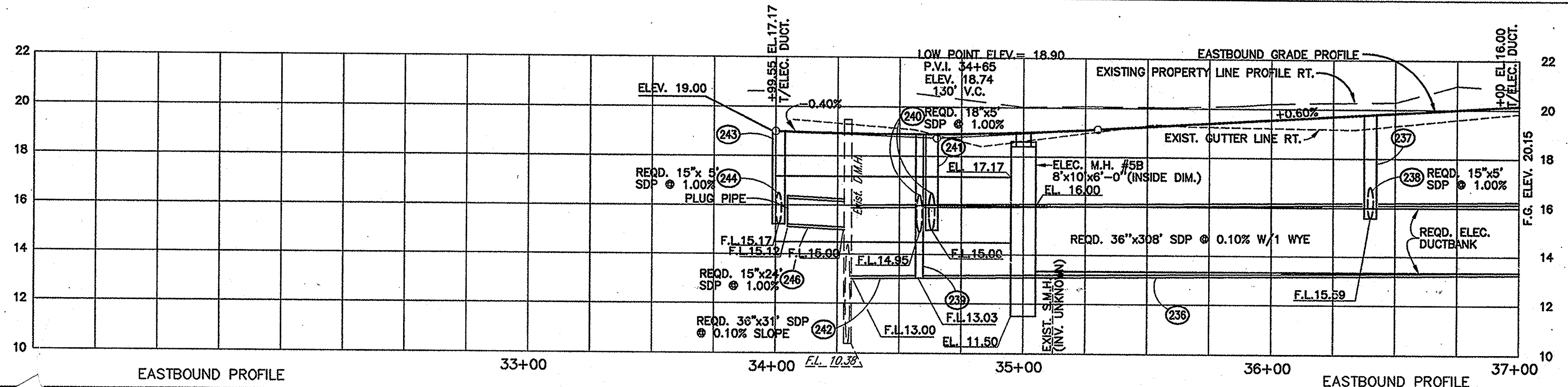
BEGIN WESTBOUND @
P.O.C. STA. 233+99.83 =
P.O.T. STA. 134+00.00-46.31' RT. SURVEY LINE

BEGIN EASTBOUND @
P.O.C. STA. 33+99.61 =
P.O.T. STA. 134+00.00-39.09' RT. SURVEY LINE

- NOTES:
1. CONTRACTOR TO FURNISH AND INSTALL TWELVE (12)-6" SCHEDULE 40 PVC CONDUITS, ENCASED IN REINFORCED CONCRETE.
 2. TOP OF DUCTBANK SHALL BE THREE (3) FEET BELOW STREET GRADE, UNLESS OTHERWISE SPECIFIED. SEE PROFILE.
 3. CONTRACTOR TO FURNISH AND INSTALL NEW MANHOLES AS PER S&WB DWG No. 1000-P5B.

① CURVE DATA
P.I. = 234+34.93 = P.O.T. 134+34.90-50.10' LT. SURVEY LINE
Δ = 0°37'22.9" RT.
D = 1'45"
T = 103.55'
L = 207.03'
R = 3274.04'
e = 1.64'
P.C. = 233+31.38 = P.O.T. 133+31.78-41.03' LT. SURVEY LINE
P.T. = 235+38.41 = P.O.T. 135+38.42-52.63' LT. SURVEY LINE

② CURVE DATA
P.I. = 34+60.47 = P.O.T. 134+60.58-33.15' RT. SURVEY LINE
Δ = 0°48'13.1" RT.
D = 3'45"
T = 104.21'
L = 208.10'
R = 1527.89'
e = 3.55'
P.C. = 33+56.26 = P.O.T. 133+56.77-42.27' RT. SURVEY LINE
P.T. = 35+64.36 = P.O.T. 135+64.66-38.21' RT. SURVEY LINE

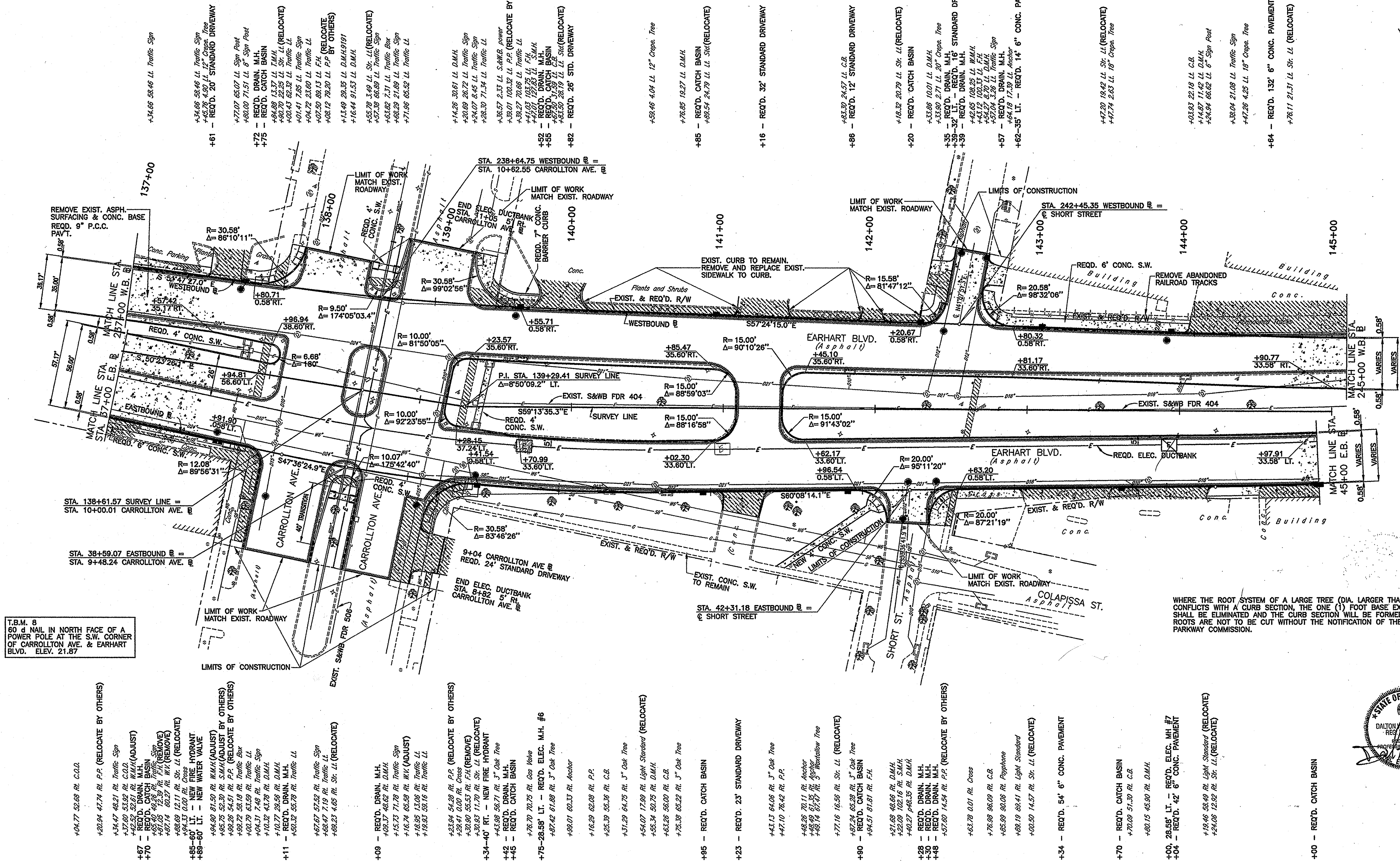


CURVE DATA WESTBOUND

P.I. = 238+78.82 = P.O.T. 138+78.73-60.94' LT. SURVEY LINE
Δ = 05°35'48.0" LT.
D = 2'45"
T = 102.14'
L = 204.12'
P = 2083.48'
e = 2.50'
P.C. = 237+76.68 = P.O.T. 137+76.62-58.45' LT. SURVEY LINE
P.T. = 239+80.80 = P.O.T. 139+90.78-64.76' LT. SURVEY LINE

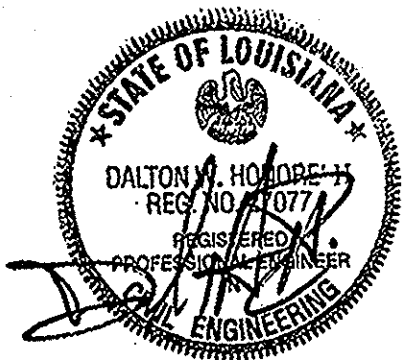
CURVE DATA EASTBOUND

P.I. = 39+41.66 = P.O.T. 139+32.69-57.73' RT. SURVEY LINE
Δ = 12°31'49.1" RT.
D = 5'00"
T = 125.81'
L = 250.61'
P = 145.92'
e = 6.89'
P.C. = 38+15.85 = P.O.T. 138+15.86-50.43' RT. SURVEY LINE
P.T. = 40+66.46 = P.O.T. 140+58.48-55.73' RT. SURVEY LINE



SCALE: 1" = 30'

WHERE THE ROOT SYSTEM OF A LARGE TREE (DIA. LARGER THAN 18") CONFLICTS WITH A CURB SECTION, THE ONE (1) FOOT BASE EXTENSION SHALL BE ELIMINATED AND THE CURB SECTION WILL BE FORMED BY HAND. ROOTS ARE NOT TO BE CUT WITHOUT THE NOTIFICATION OF THE PARK & PARKWAY COMMISSION.



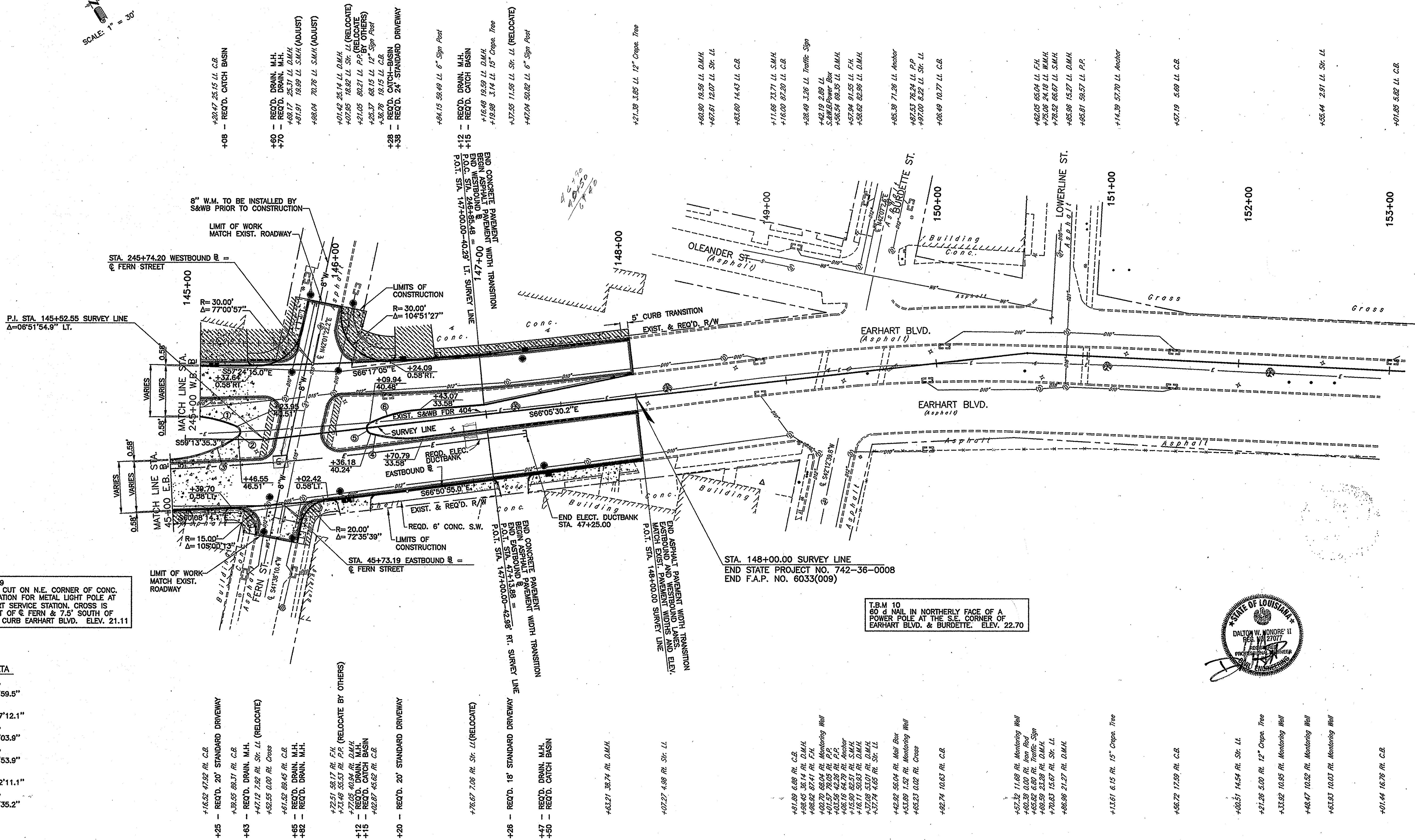
CURVE DATA WESTBOUND

P.I. = 245+91.37 = P.O.T. 146+06.13-39.22' LT. SURVEY LINE
Δ = 08°52'50.0" LT.
D = 3'00"
T = 148.31'
L = 296.02'
R = 1909.86'
e = 5.75'
P.C. = 244+43.07 = P.O.T. 144+52.82-50.06' LT. SURVEY LINE
P.T. = 247+39.09 = P.O.T. 147+54.43-39.72' LT. SURVEY LINE

CURVE DATA EASTBOUND

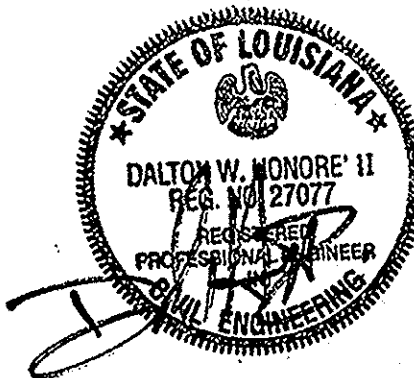
P.I. = 45+44.01 = P.O.T. 145+35.98-48.13' RT. SURVEY LINE
Δ = 08°42'41.0" RT.
D = 3'00"
T = 111.99'
L = 223.71'
R = 1909.86'
e = 3.28'
P.C. = 44+32.02 = P.O.T. 144+23.99-49.91' RT. SURVEY LINE
P.T. = 46+55.73 = P.O.T. 146+42.30-44.33' RT. SURVEY LINE

SCALE: 1" = 30'

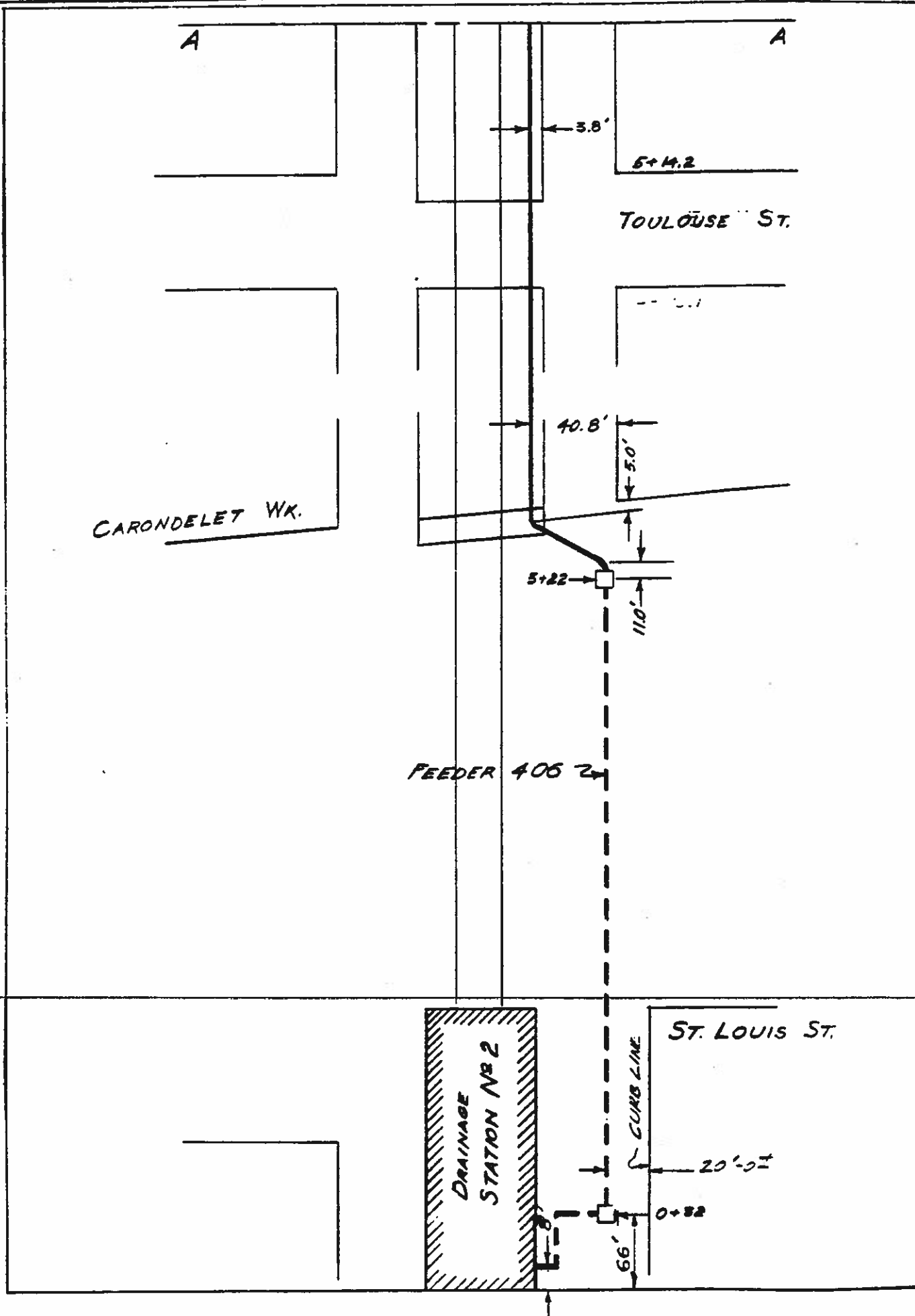


CURVE DATA

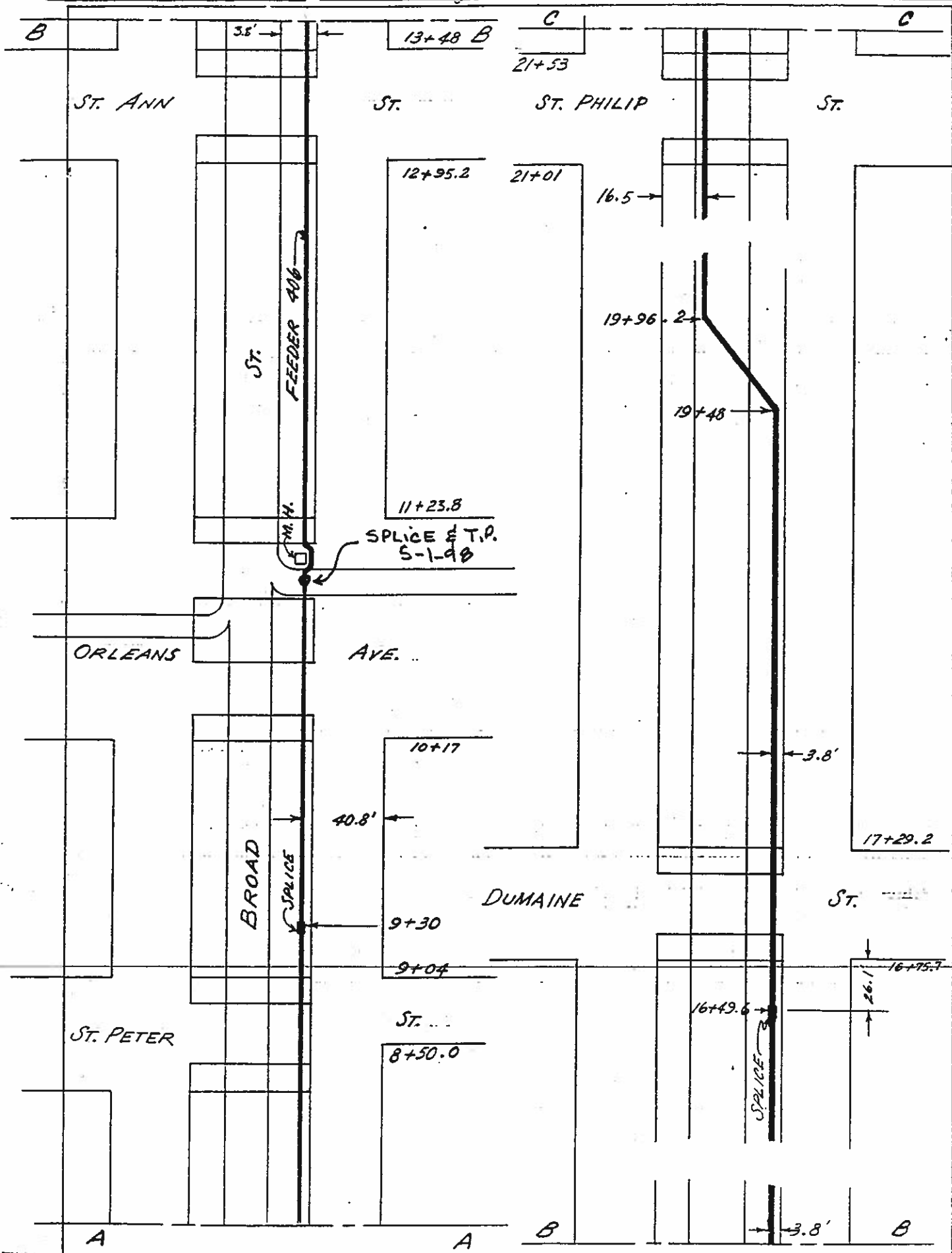
- ① R=90.00'
Δ=22°06'59.5"
② R=4.00'
Δ=122°47'12.1"
③ R=90.00'
Δ=31°49'03.9"
④ R=90.00'
Δ=22°19'53.9"
⑤ R=4.00'
Δ=139°02'11.1"
⑥ R=90.00'
Δ=22°04'35.2"

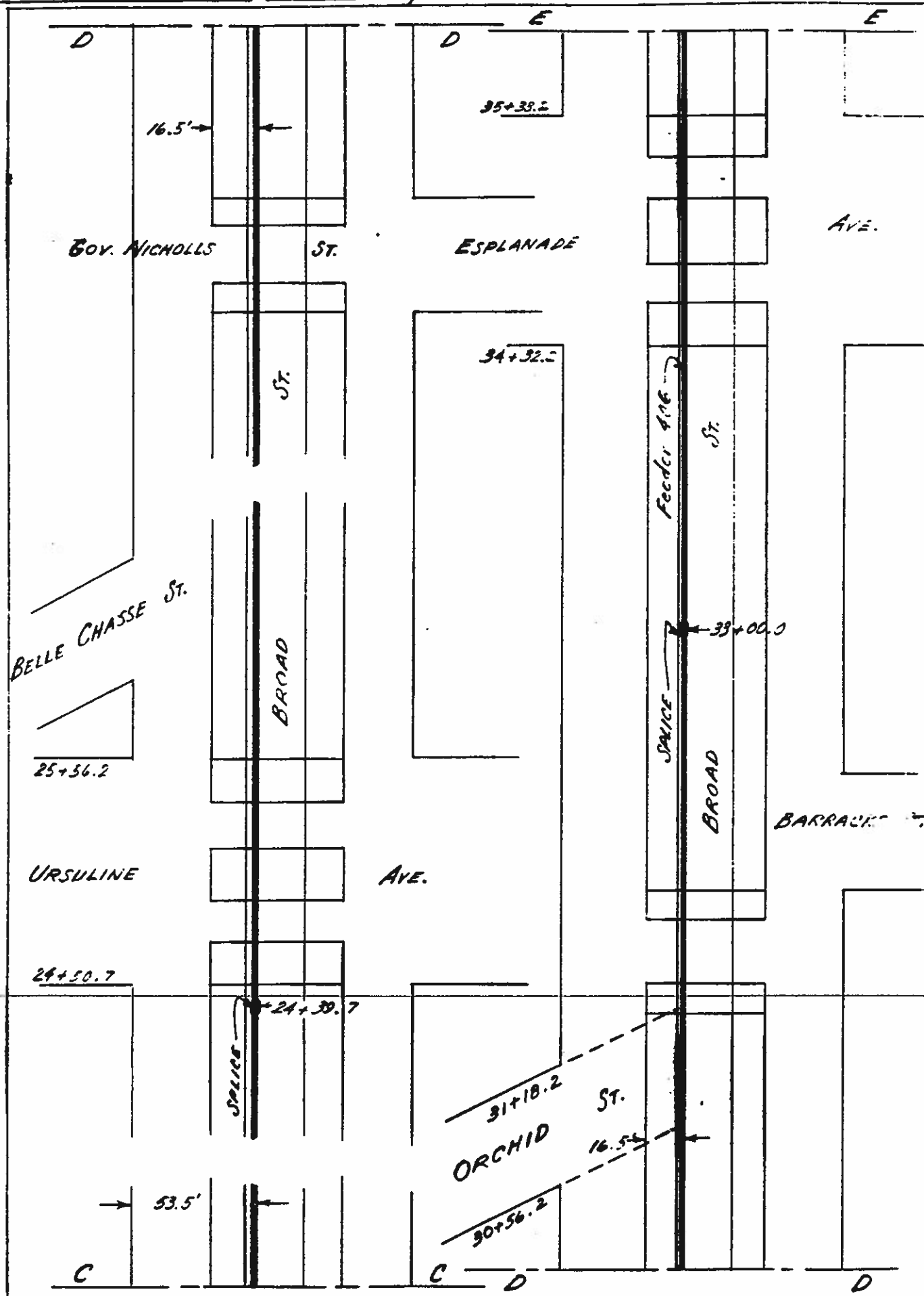


AS-BUILT MAPS FOR FEEDER 406



SEE DWG. N° 1198-P-1, FOR DETAILS AND REVISIONS.

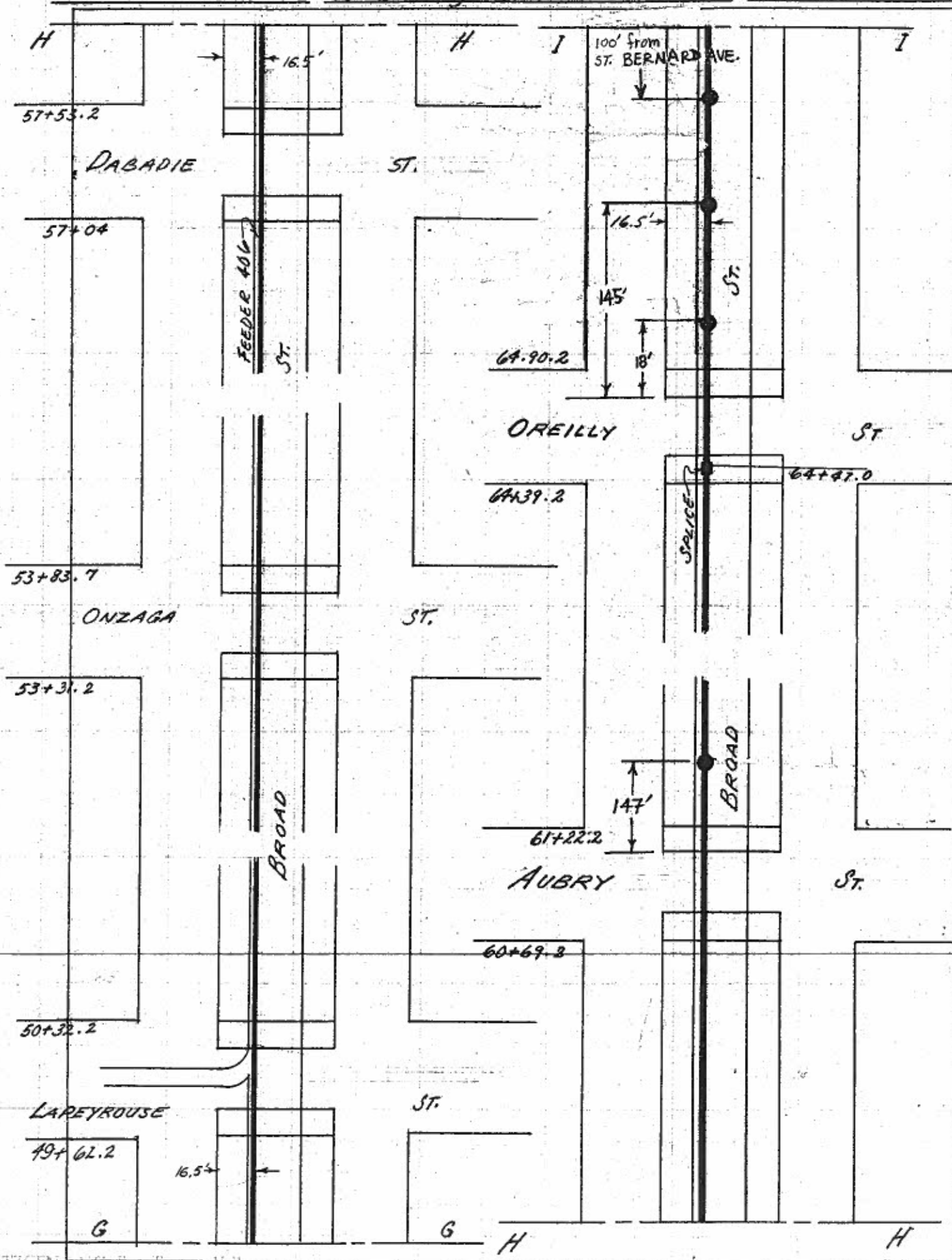


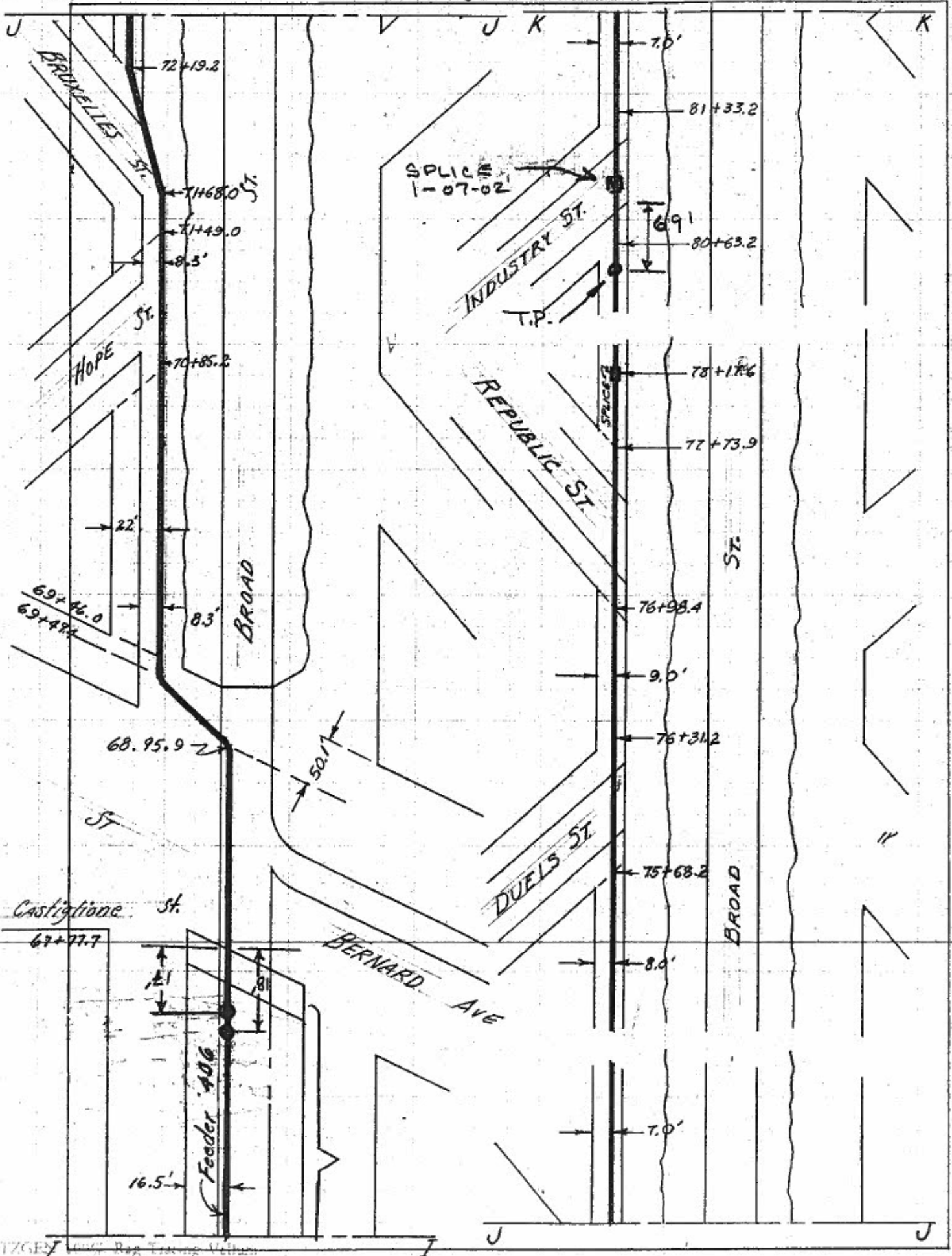


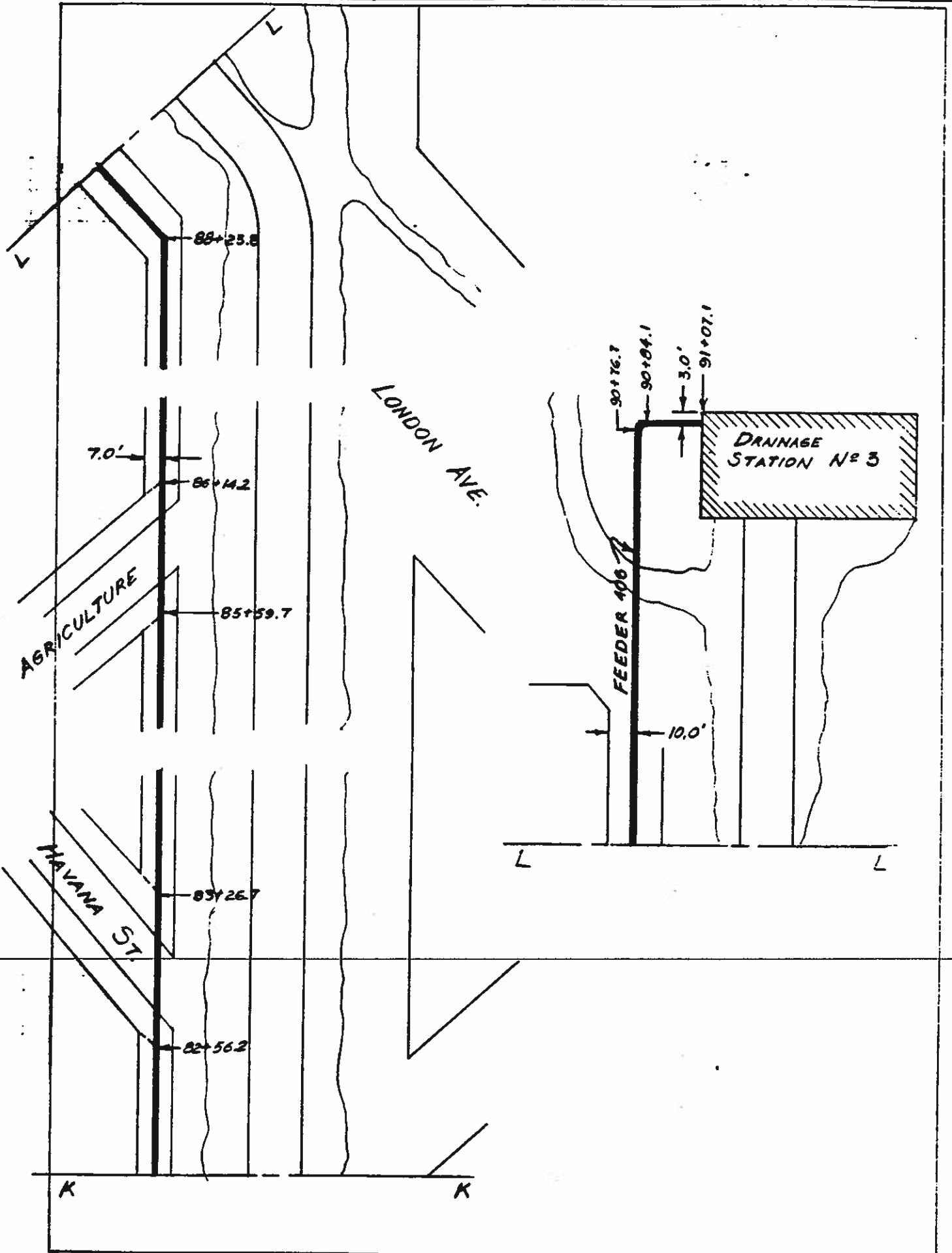
BY J.L.D. DATE 5-48
CHKD. BY DATE

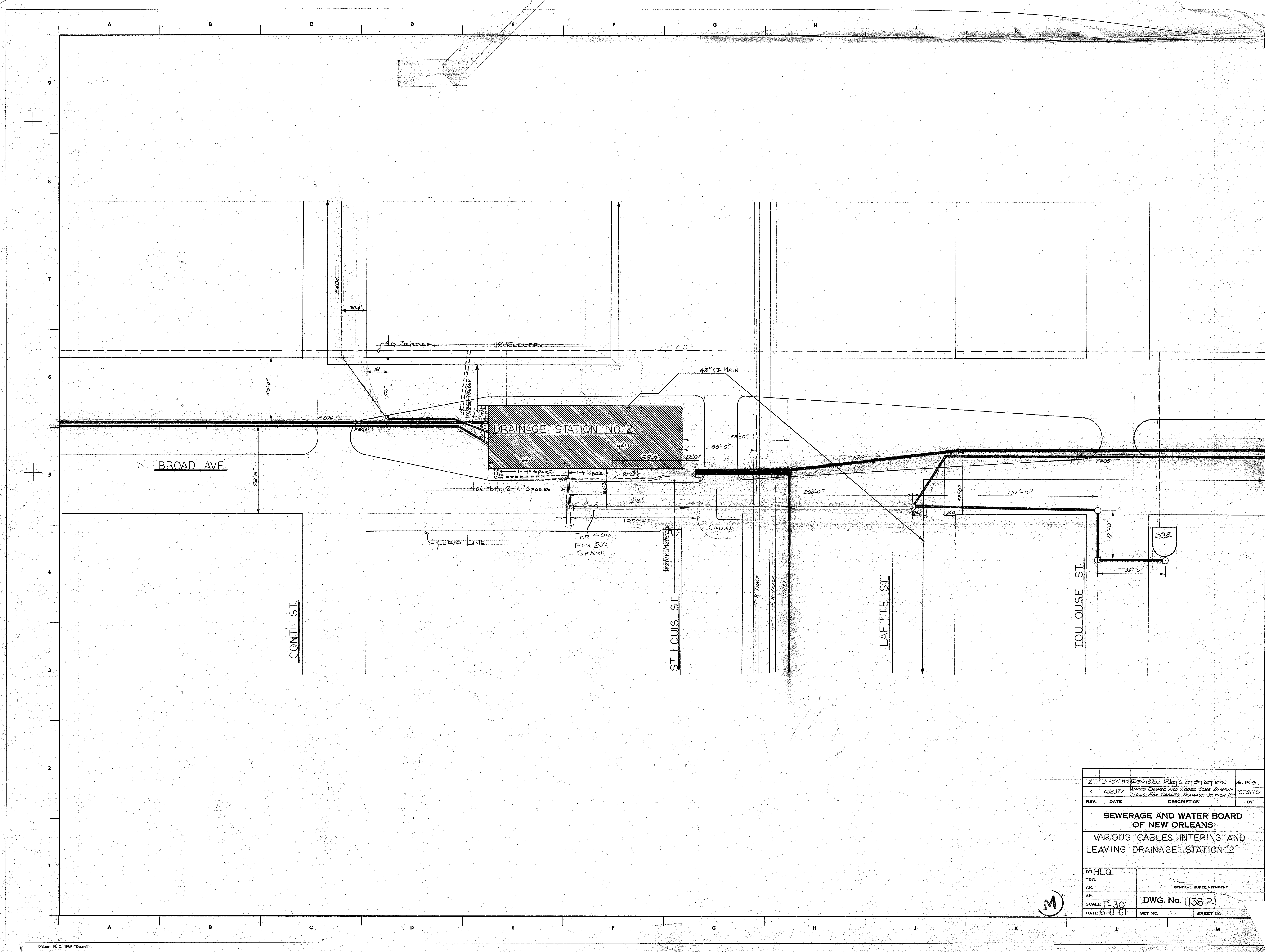
SUBJECT INSTALLATION OF FEEDER TUB
From Drainage Station 2
To Drainage Station 3

SHEET NO. 3 OF 7
JOB NO.

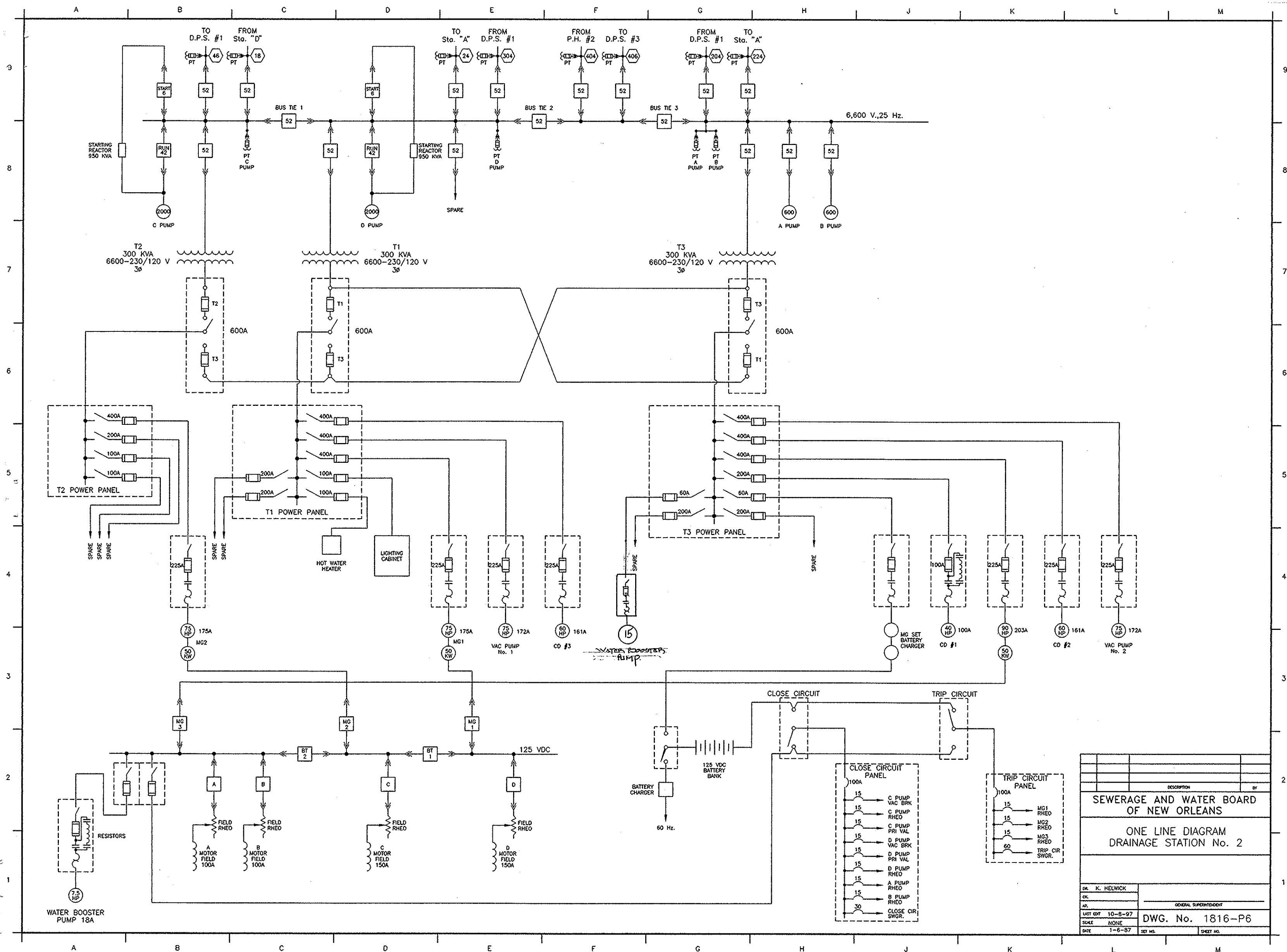




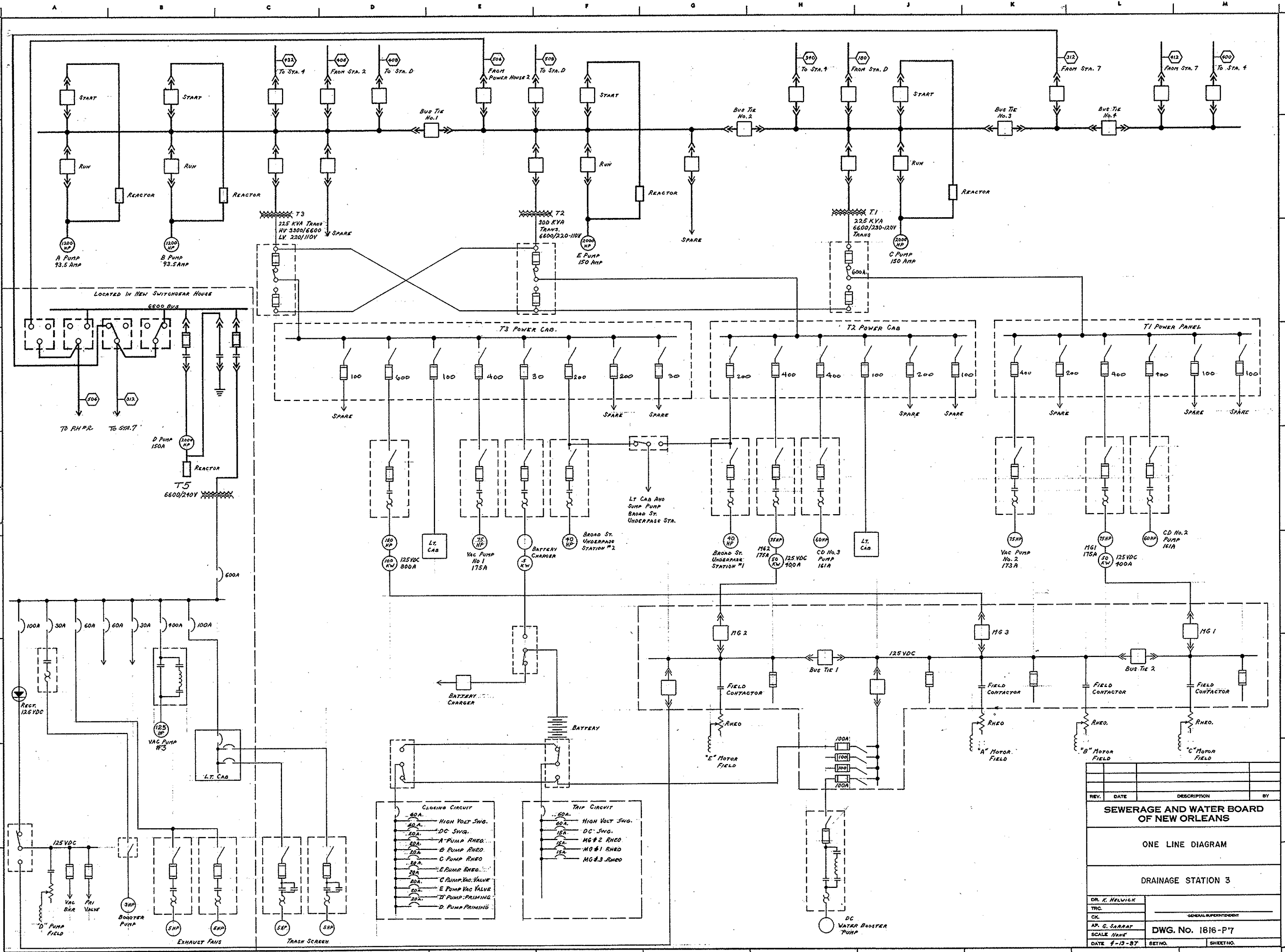




2.	3-31-87	REVISED PLOTS AT STATION	S.P.S.
1.	052377	MAJOR CHANGE AND ADDED SOME DIMENSIONS FOR CABLES DRAINAGE STATION 2	C. BLOU
REV.	DATE	DESCRIPTION	BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
VARIOUS CABLES ENTERING AND LEAVING DRAINAGE STATION 2			
DR.	HLQ		
TRC.			
CK.		GENERAL SUPERINTENDENT	
AP.			
SCALE	1"=30'	DWG. No. 1138.P1	
DATE	6-8-61	SET NO.	SHEET NO.

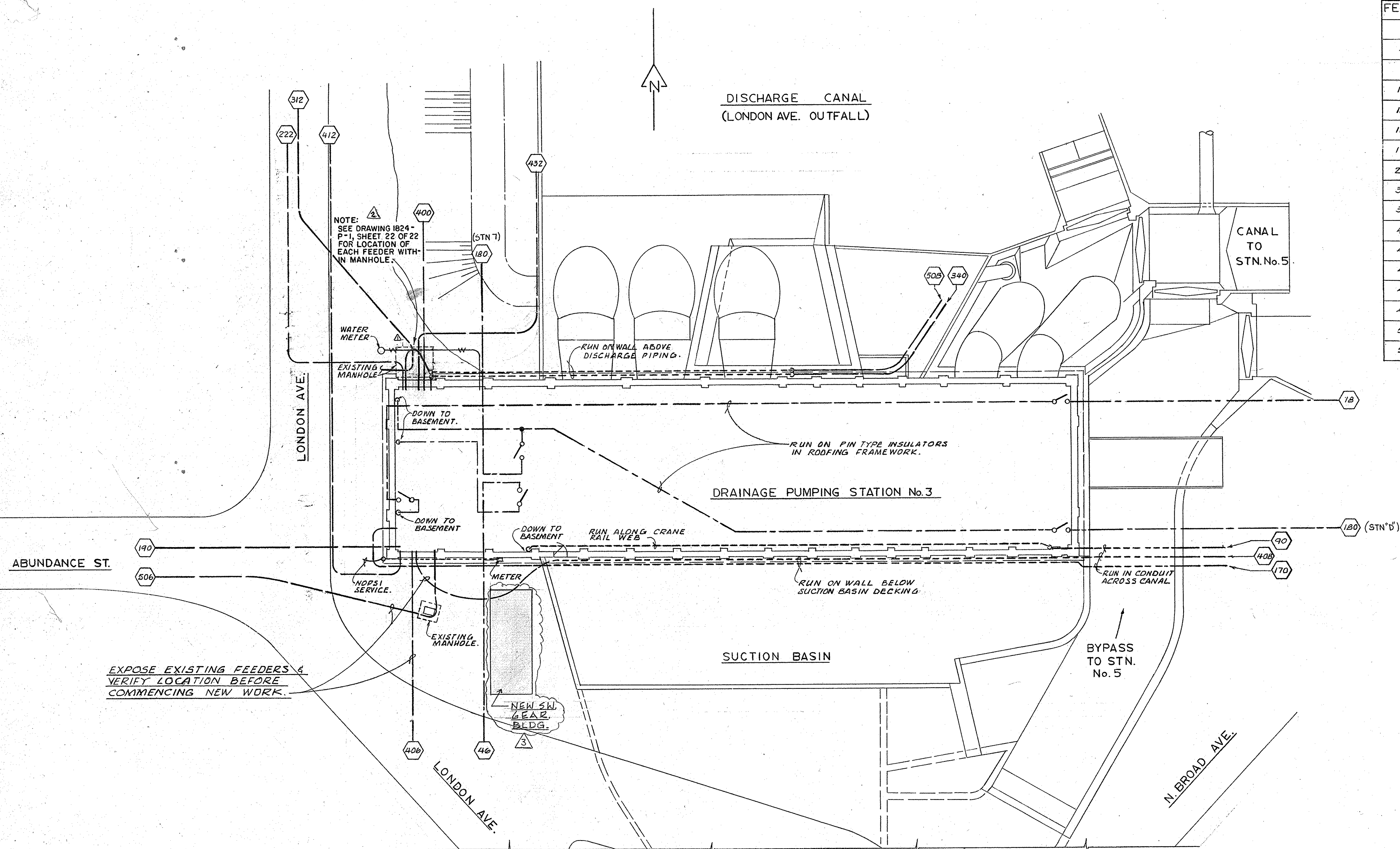


DESCRIPTION		BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS		
ONE LINE DIAGRAM DRAINAGE STATION No. 2		
DR. K. HELWICK	CL.	
AP.		GENERAL SUPERINTENDENT
LAST EDT. 10-8-97		DWG. No. 1816-P6
SCALE NONE		
DATE 1-6-97	SET NO.	SHEET NO.

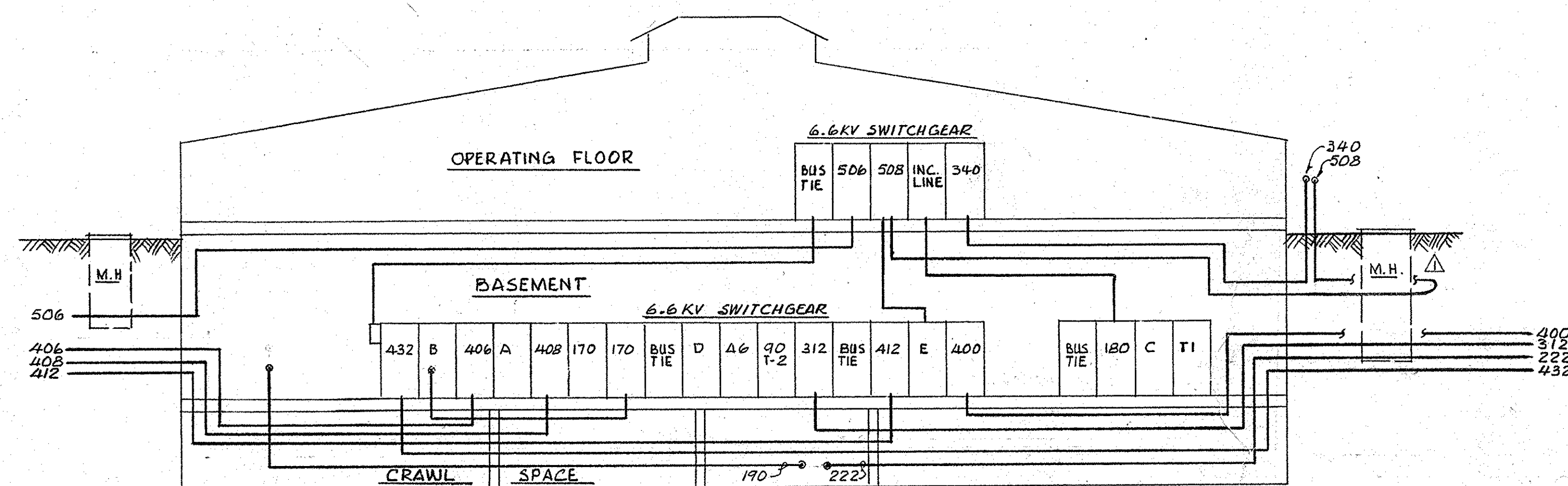


REV.	DATE	DESCRIPTION	BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
ONE LINE DIAGRAM			
DRAINAGE STATION 3			
DR. K. HELMICK		GENERAL SUPERINTENDENT	
CHK.		DWG. No. 1816-P7	
AP. G. SARRAT		SCALE 1/8" = 1'	
DATE 9-13-37		SHEET NO.	

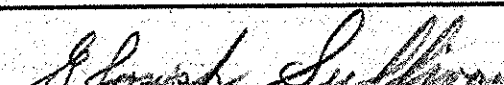
EXISTING 6.6KV, 25Hz, 3PH. FEEDERS LEAVING DRAINAGE PUMPING STATION No.3			
FEEDER	SIZE	DESTINATION	REMARKS
18	3-1/2" 350MCM	PUMPING STN. D	OVERHEAD. NO CHANGE.
46	9-1/2" #2/0	DRAINAGE STNS. No.142	OVERHEAD. RECONNECTED THIS CONTRACT.
90	3/C #6	SEWAGE STN. No.9	UNDERGROUND. NO CHANGE
170	3/C #2	SEWAGE STN. No.17	" " "
180	3-1/2" 350MCM	PUMPING STN. D	OVERHEAD. NO CHANGE
180	9-1/2" #3/0	DRAINAGE STN. No.7	" " "
190	3/C #2/0	SEWAGE STN. No.19	UNDERGROUND. NO CHANGE
222	3/C #4	ST. BERNARD U.P.	" " "
312	3/C 600MCM	DRAINAGE STN. No.7	UNDERGROUND. RECONNECTED THIS CONTRACT.
340	3/C 400MCM	DRAINAGE STN. No.4	UNDERGROUND. NO CHANGE
400	3/C 400MCM	DRAINAGE STN. No.4	" " "
406	3/C 600MCM	DRAINAGE STN. No.2	" " "
408	3/C 600MCM	PUMPING STN. D	UNDERGROUND. RECONNECTED THIS CONTRACT.
412	3/C 600MCM	DRAINAGE STN. No.7	UNDERGROUND. NO CHANGE
432	3/C #1	DRAINAGE STN. No.4	" " "
506	3/C 600MCM	POWERHOUSE No.2	UNDERGROUND. RECONNECTED THIS CONTRACT.
508	3/C 600MCM	PUMPING STN. D	UNDERGROUND. NO CHANGE.



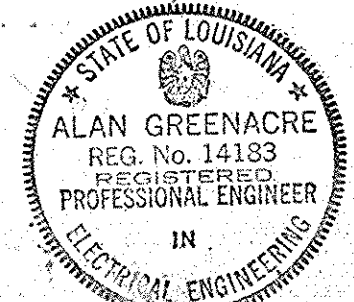
SITE PLAN - EXISTING 6.6KV FEEDERS
1/16" = 1' - 0"



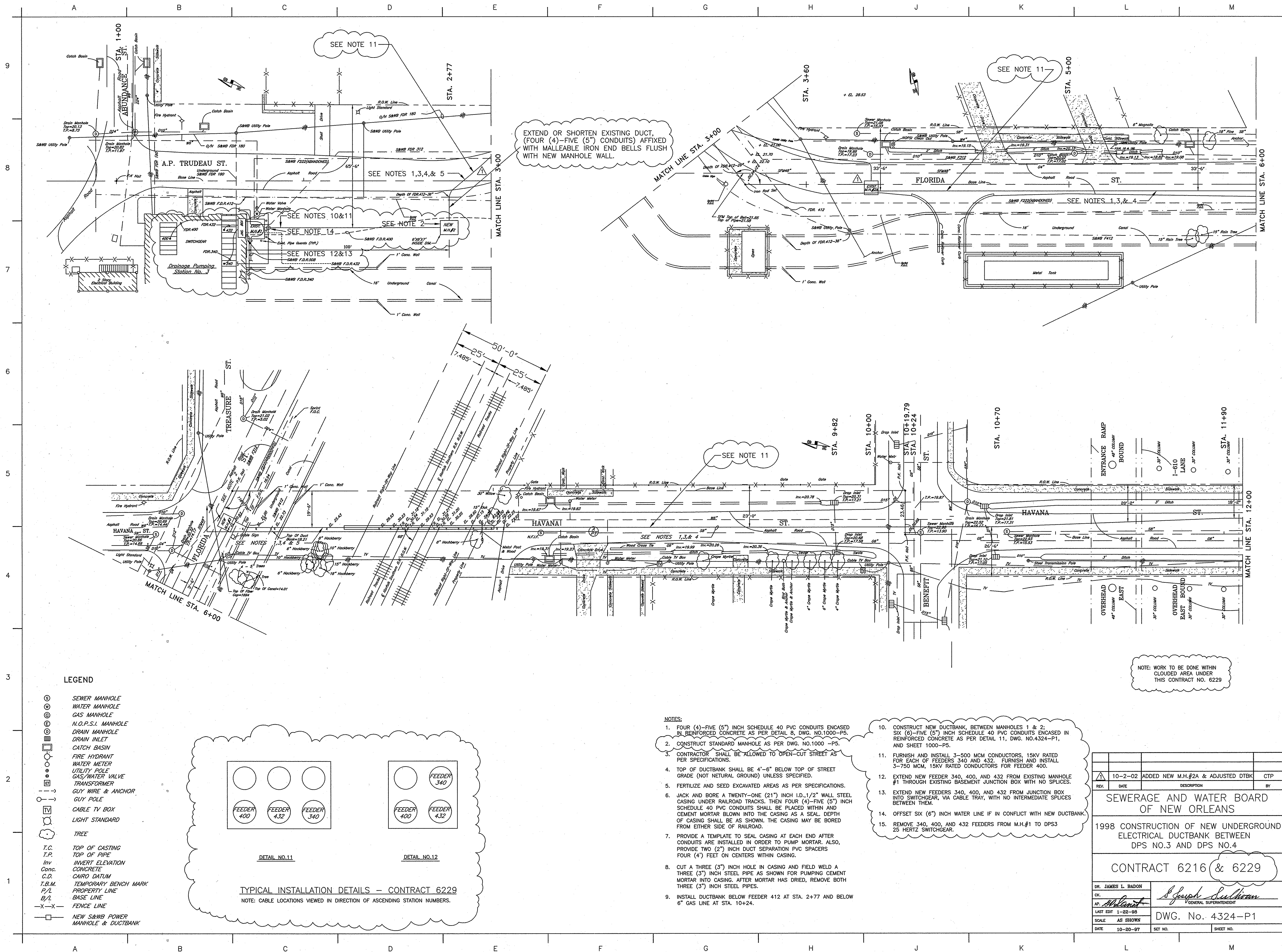
FEEDER RISER DIAGRAM - EXISTING
FEEDERS LVG. BASEMENT UNDERGROUND ONLY. N.T.S.

3	1-5-83	ADD SW. GEAR S.E. OF PUMP STA.	J.R.
2	2-25-82	ADDITIONS TO EXISTING MANHOLE	D. BELL
1	5-10-79	LOCATION OF M.H. & FDR 508	K.H.
REV.	DATE	DESCRIPTION	BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
CONTRACT No. 6087 FLOODPROOFING AT DRAINAGE STATIONS No. 3, 6 & 7			
STATION No. 3 - SITE PLAN			
DR. R.B. TAG		 (GENERAL SUPERINTENDENT)	
TRC.			
CK. A.G.			
AP. M.G.Z.			
SCALE AS NOTED			
DATE 8-2-76		SET NO.	DWG. No. 1824-P1
		SHEET No. 1 OF 22	

ZERVIGON ASSOCIATES, INC.
CONSULTING ENGINEERS
NEW ORLEANS, LA.



M

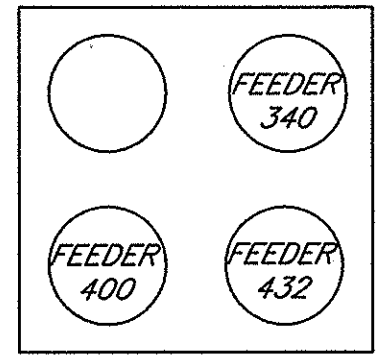
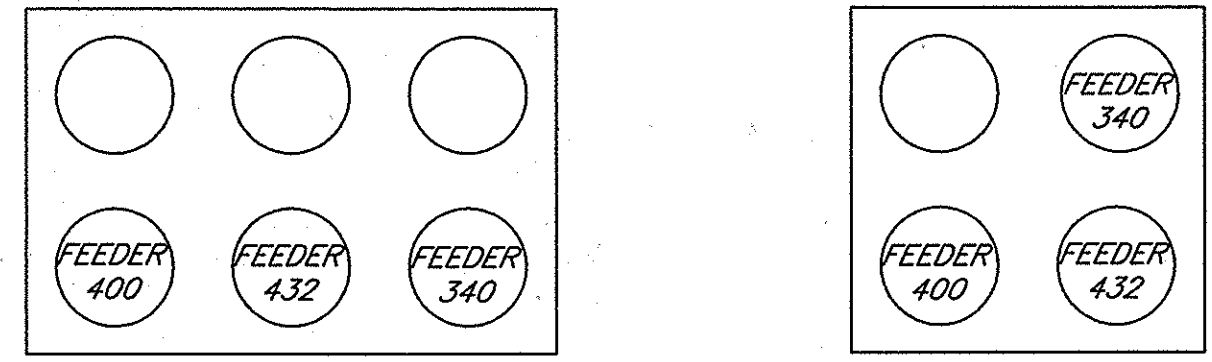


EXTEND OR SHORTEN EXISTING DUCT, (FOUR (4)-FIVE (5) CONDUITS) AFFIXED WITH MALLEABLE IRON END BELLS FLUSH WITH NEW MANHOLE WALL.

NOTE: WORK TO BE DONE WITHIN CLOUDED AREA UNDER THIS CONTRACT NO. 6229

LEGEND

- SEWER MANHOLE
- WATER MANHOLE
- GAS MANHOLE
- N.O.P.S.I. MANHOLE
- DRAIN MANHOLE
- DRAIN INLET
- CATCH BASIN
- FIRE HYDRANT
- WATER METER
- GAS/WATER VALVE
- TRANSFORMER
- GUY WIRE & ANCHOR
- GUY POLE
- CABLE TV BOX
- LIGHT STANDARD
- TREE
- T.C. TOP OF CASTING
- T.P. TOP OF PIPE
- Inv. INVERT ELEVATION
- Conc. CONCRETE
- C.D. CAIRO DATUM
- T.B.M. TEMPORARY BENCH MARK
- P/L PROPERTY LINE
- B/L BASE LINE
- X-X- FENCE LINE
- NEW SAWB POWER MANHOLE & DUCTBANK



TYPICAL INSTALLATION DETAILS - CONTRACT 6229
NOTE: CABLE LOCATIONS VIEWED IN DIRECTION OF ASCENDING STATION NUMBERS.

NOTES:

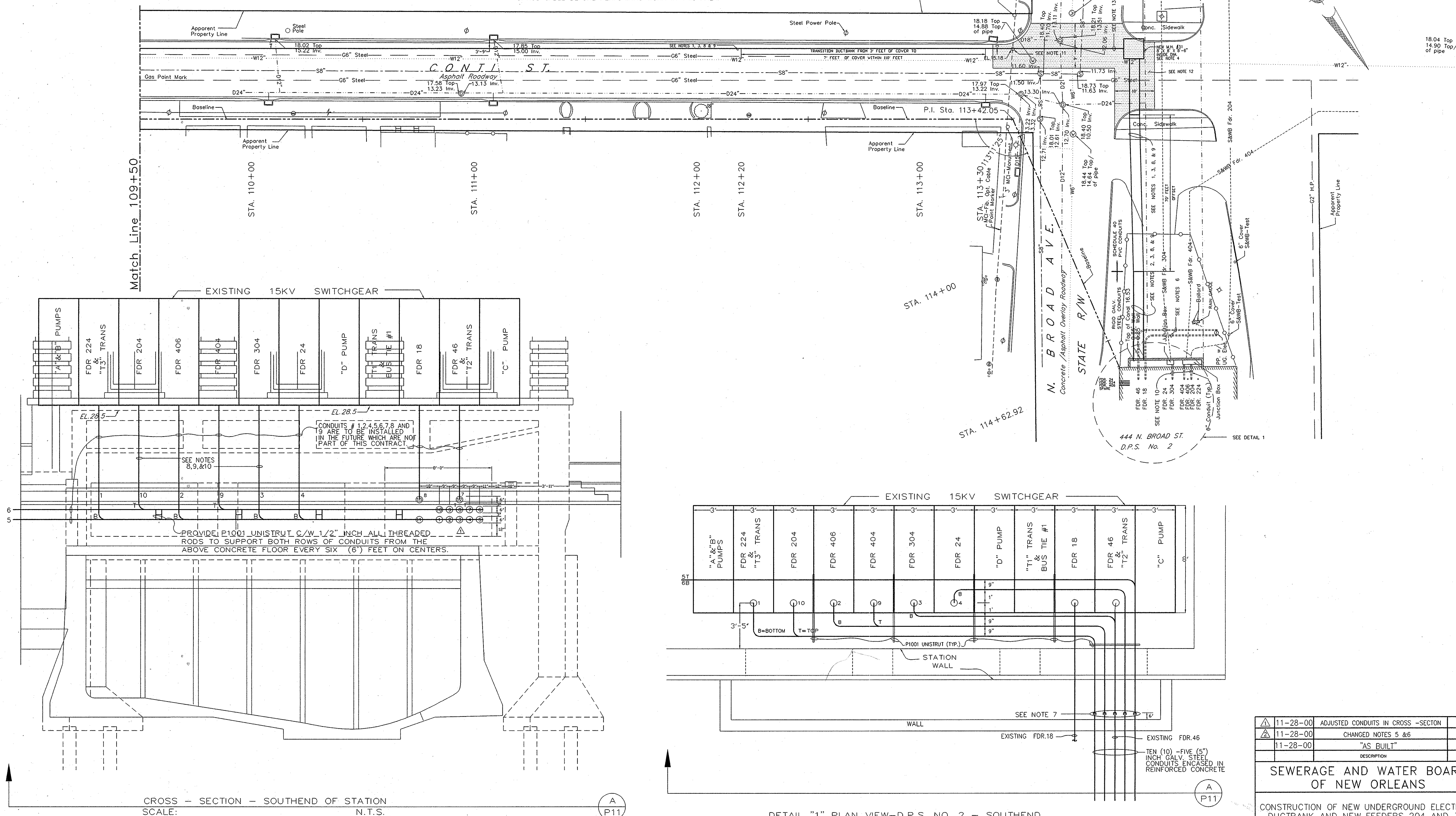
- FOUR (4)-FIVE (5) INCH SCHEDULE 40 PVC CONDUITS ENCASED IN REINFORCED CONCRETE AS PER DETAIL 8, DWG. NO. 1000-P5.
- CONSTRUCT STANDARD MANHOLE AS PER DWG. NO. 1000-P5.
- CONTRACTOR SHALL BE ALLOWED TO OPEN-CUT STREET AS PER SPECIFICATIONS.
- TOP OF DUCTBANK SHALL BE 4'-6" BELOW TOP OF STREET GRADE (NOT NATURAL GROUND) UNLESS SPECIFIED.
- FERTILIZE AND SEED EXCAVATED AREAS AS PER SPECIFICATIONS.
- JACK AND BORE A TWENTY-ONE (21) INCH I.D., 1/2" WALL STEEL CASING UNDER RAILROAD TRACKS. THEN FOUR (4)-FIVE (5) INCH SCHEDULE 40 PVC CONDUITS SHALL BE PLACED WITHIN AND CEMENT MORTAR BLOWN INTO THE CASING AS A SEAL. DEPTH OF CASING SHALL BE AS SHOWN. THE CASING MAY BE BORED FROM EITHER SIDE OF RAILROAD.
- PROVIDE A TEMPLATE TO SEAL CASING AT EACH END AFTER CONDUITS ARE INSTALLED IN ORDER TO PUMP MORTAR. ALSO, PROVIDE TWO (2) INCH DUCT SEPARATION PVC SPACERS FOUR (4) FEET ON CENTERS WITHIN CASING.
- CUT A THREE (3) INCH HOLE IN CASING AND FIELD WELD A THREE (3) INCH STEEL PIPE AS SHOWN FOR PUMPING CEMENT MORTAR INTO CASING. AFTER MORTAR HAS DRIED, REMOVE BOTH THREE (3) INCH STEEL PIPES.
- INSTALL DUCTBANK BELOW FEEDER 412 AT STA. 2+77 AND BELOW 6" GAS LINE AT STA. 10+24.
- CONSTRUCT NEW DUCTBANK, BETWEEN MANHOLES 1 & 2; SIX (6)-FIVE (5) INCH SCHEDULE 40 PVC CONDUITS ENCASED IN REINFORCED CONCRETE AS PER DETAIL 11, DWG. NO. 4324-P1, AND SHEET 1000-P5.
- FURNISH AND INSTALL 3-500 MCM CONDUCTORS, 15KV RATED FOR EACH OF FEEDERS 340 AND 432. FURNISH AND INSTALL 3-750 MCM, 15KV RATED CONDUCTORS FOR FEEDER 400.
- EXTEND NEW FEEDER 340, 400, AND 432 FROM EXISTING MANHOLE #1 THROUGH EXISTING BASEMENT JUNCTION BOX WITH NO SPLICES.
- EXTEND NEW FEEDERS 340, 400, AND 432 FROM JUNCTION BOX INTO SWITCHGEAR, VIA CABLE TRAY, WITH NO INTERMEDIATE SPLICES BETWEEN THEM.
- OFFSET SIX (6) INCH WATER LINE IF IN CONFLICT WITH NEW DUCTBANK.
- REMOVE 340, 400, AND 432 FEEDERS FROM M.H.#1 TO DPS3 25 HERTZ SWITCHGEAR.

SEWERAGE AND WATER BOARD OF NEW ORLEANS		
1998 CONSTRUCTION OF NEW UNDERGROUND ELECTRICAL DUCTBANK BETWEEN DPS NO.3 AND DPS NO.4		
CONTRACT 6216 & 6229		
DR. JAMES L. RADON	B. Joseph Sullivan	
CH.	GENERAL SUPERINTENDENT	
AP. [Signature]	LAST EDIT 1-22-98	
SCALE AS SHOWN	DWG. No. 4324-P1	
DATE 10-20-97	SHEET NO.	SHEET NO.

1. FURNISH AND INSTALL TEN(10)-FIVE (5") INCH SCHEDULE 40 PVC CONDUITS ENCASED IN REINFORCED CONCRETE. CONSTRUCT DUCTBANK 2 DOWN X 5 ACROSS.
2. FURNISH AND INSTALL TEN(10)-FIVE (5") INCH GALV. STEEL CONDUITS ENCASED IN REINFORCED CONCRETE. CONSTRUCT DUCTBANK 2 DOWN X 5 ACROSS.
3. TOP OF DUCTBANK SHALL BE THREE (3') FEET BELOW STREET GRADE, UNLESS OTHERWISE SPECIFIED.
4. FURNISH AND INSTALL NEW MANHOLE AS PER S&WB. DWG. NO. 1000-P5B.
5. CORE ELEVEN (11) -SIX (6") INCH HOLES THRU CONCRETE WALL #1,2,4,5,6,7,8,9,10,
 △ 12 AND 13 AS SHOWN. CORE #3 (FDR #46) AND CORE #11 (FDR #18) ARE EXISTING.
6. REMOVE EXISTING REINFORCED CONCRETE ENCASEMENT ON FDRS #18 AND 46 FROM
 △ STATION CONCRETE WALL TO EXISTING POWER POLE AS SHOWN. THEN, REROUTE EXISTING
 FDR #46 (CORE #3) THRU CORE #12 AND FDR #18 (CORE #11) THRU CORE



- # 13. BOTH FEEDERS # 18 AND 46 SHALL BE ELEVATED NINETEEN (19") INCH UPWARD BETWEEN THE POWER POLE AND STATION CONCRETE WALL TO CLEAR INSTALLATION OF NEW DUCTBANK. EACH FDR CONDUIT AND CONDUCTORS SHALL BE ADJUSTED AT THE POWER POLE AND BELOW THE STATION FLOOR ENTERING THE SWITCHGEAR BREAKERS. SEAL EXIST. CORE #11 WITH GROUT.
7. EXTEND EACH CONDUIT # (1 THRU 10) SIX (6") INCHES PAST WALL AND CAP EXCEPT, CONDUITS #3 (FDR 304) AND # 10 (FDR 204) SHALL BE INSTALLED AS SHOWN TO EACH EXISTING SWITCHGEAR BREAKER.
8. FURNISH AND INSTALL NEW 304 FDR.(3-750 MCM CONDUCTORS, 15KV, TYPE MV-105) IN A SPARE CONDUIT.
9. FURNISH AND INSTALL NEW 204 FDR.(3-750 MCM CONDUCTORS, 15KV, TYPE MV-105) IN A SPARE CONDUIT.
10. REMOVE EXISTING CONDUIT AND CONDUCTORS FROM EACH EXIST. BREAKER TO JUNCTION BOX AND TERMINATE NEW CONDUCTORS (204 AND 304 FEEDERS) TO BUS BAR INSIDE EACH BREAKER (15 KV SWITCHGEAR).
11. CONTRACTOR SHALL NOTIFY MCI TO PHYSICALLY LOCATE AND VERIFY THE DEPTH OF THEIR FIBER OPTICS CABLE BEFORE PERFORMING WORK IN THIS AREA.

12. ADDITIONAL ASPHALT MILLING AND RESTORATION SHALL BE PERFORMED TO A DEPTH OF TWO (2") INCHES AS SHOWN WITHIN THE SHADED AREA.
13. INSTALL TOP OF DUCTBANK 7'-0" BELOW TOP OF STREET GRADE BETWEEN STA. 113+30 AND M.H. # 31.

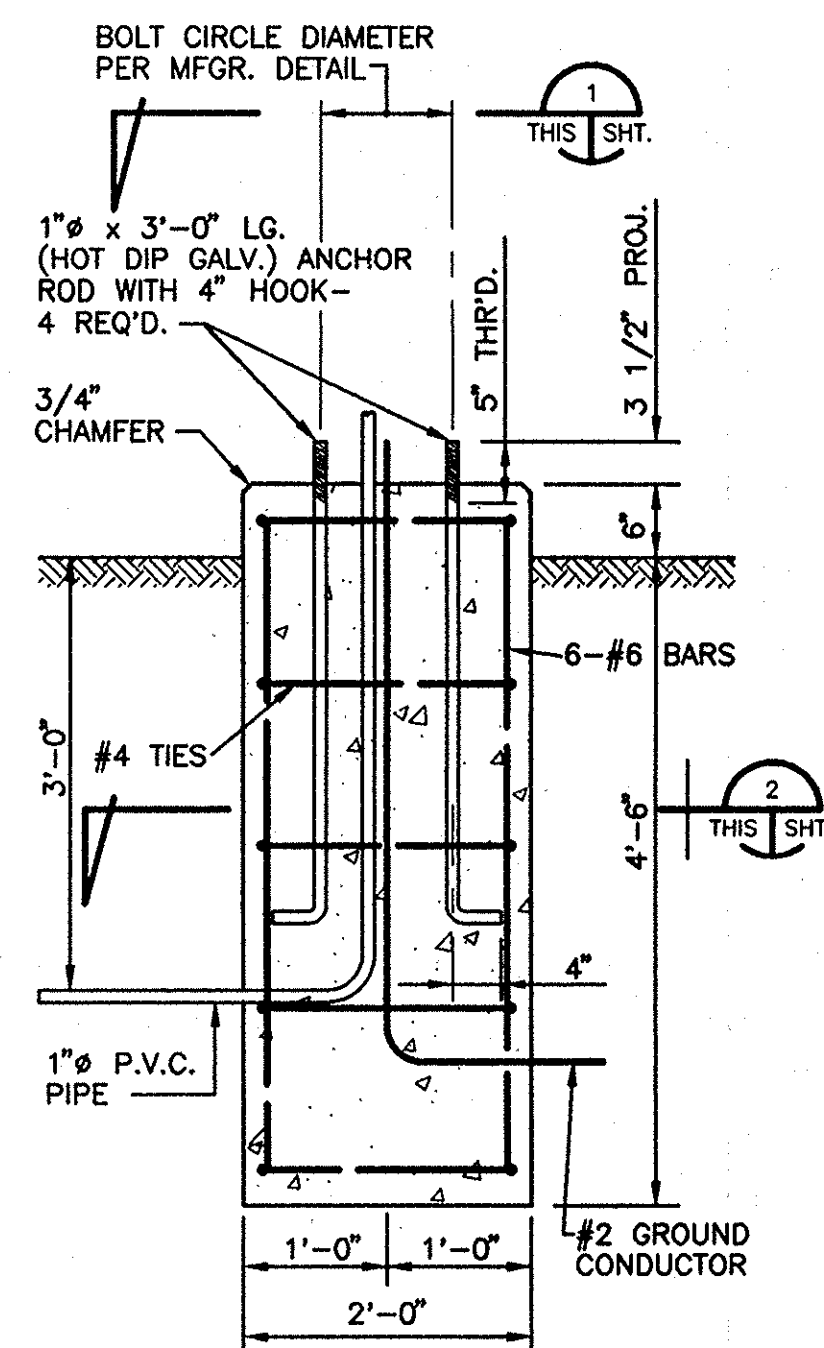


DETAIL "1" PLAN VIEW-D.P.S. NO. 2 - SOUTHEND
SCALE: N.T.S.

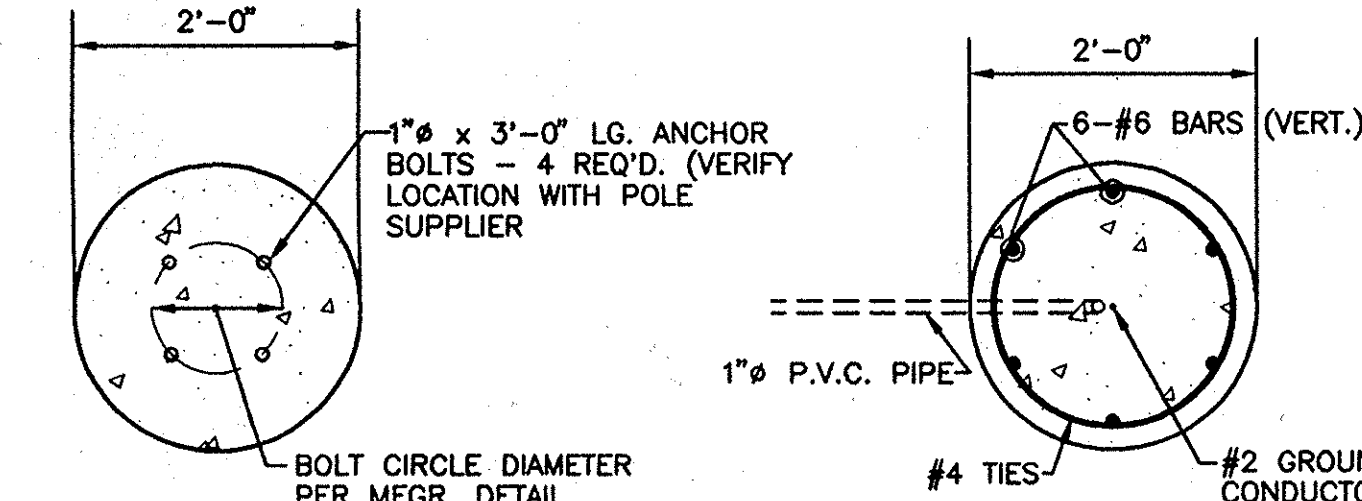
JOHN J. AVERY & ASSOCIATES
5413 POWELL STREET SUITE A
HARAHAN, LOUISIANA 70123

	11-28-00	ADJUSTED CONDUITS IN CROSS -SECTION	JLB
	11-28-00	CHANGED NOTES 5 & 6	JLB
	11-28-00	"AS BUILT"	CTP
		DESCRIPTION	BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
CONSTRUCTION OF NEW UNDERGROUND ELECTRICAL DUCTBANK AND NEW FEEDERS 204 AND 304 BETWEEN D.P.S. NO.1 AND D.P.S. NO.2			
CONTRACT NO. 6223			
DR. J.BADON		_____ GENERAL SUPERINTENDENT	
CK.			
AP.			
LAST EDIT		DWG. NO. 4982-P11	
SCALE 1"=20'			
DATE SEPTEMBER 27,1999			
SET NO.		SHEET NO. 11 of 13	

AS-BUILT MAPS FOR FEEDER 202 & 302



STREET LIGHT SERVICE DETAIL
N.T.S.



FOUNDATION - LIGHT POLE

PLAN-SECTION

SECTION

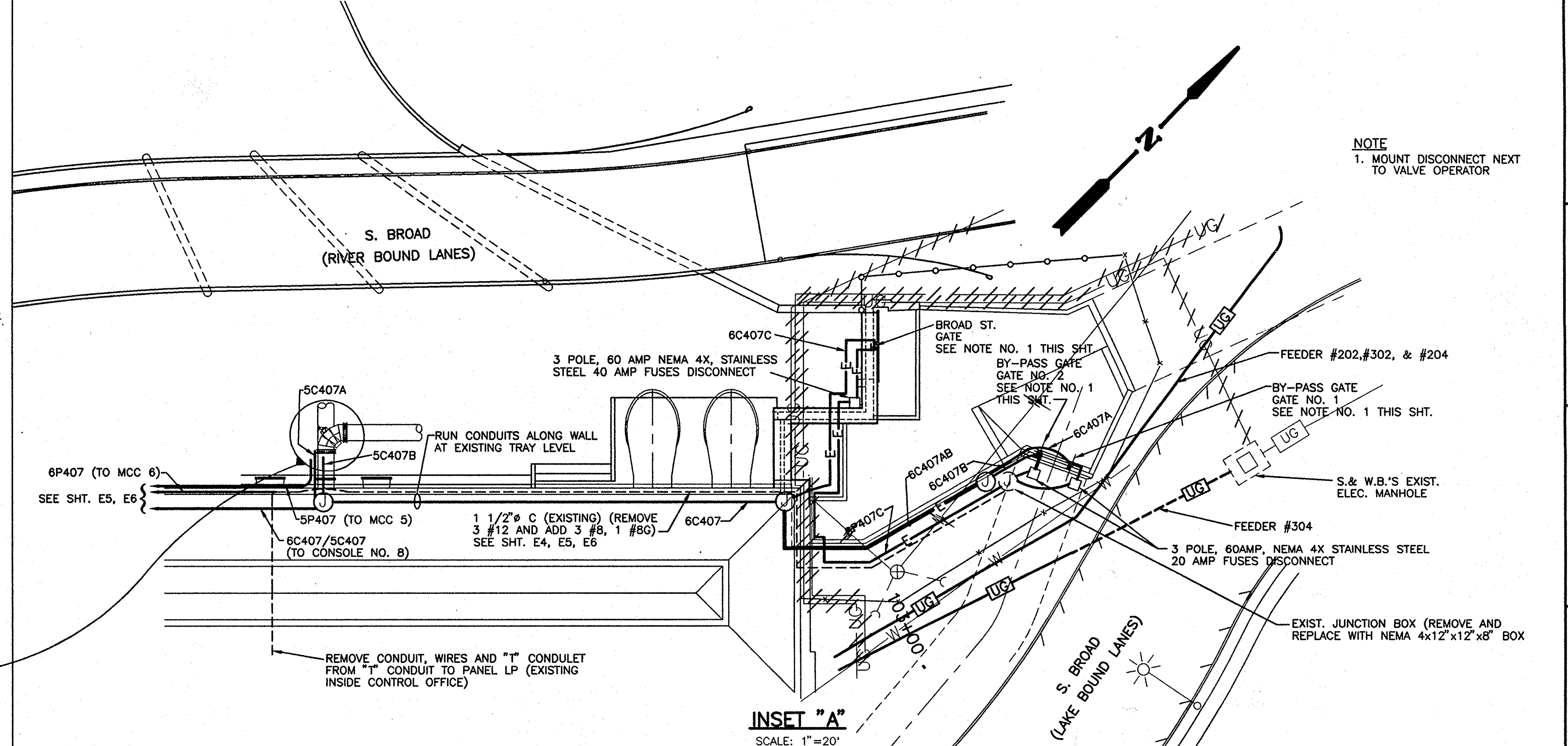
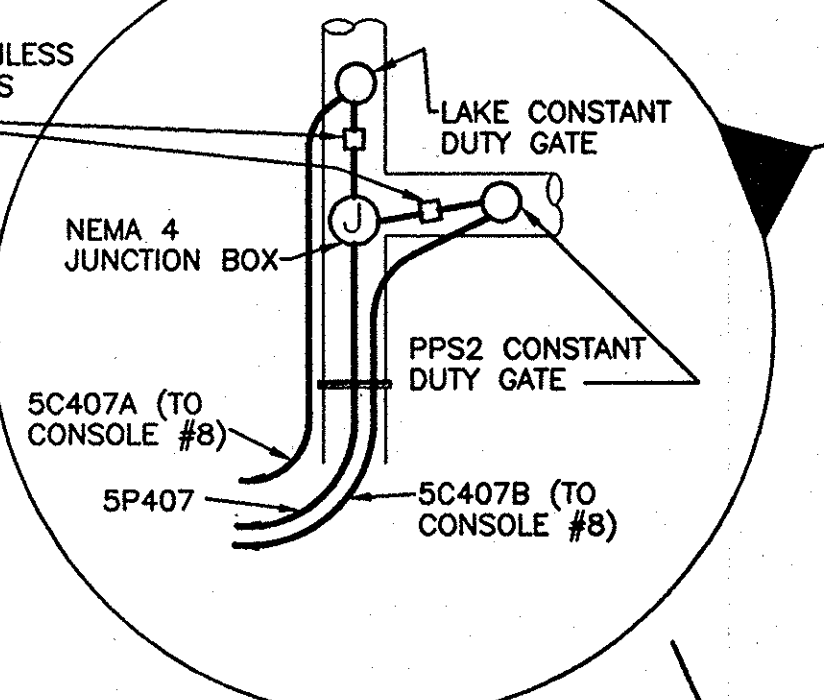
ANCHOR BOLT LAYOUT

3/4 = 1 = 0 

ELUSED DISCONNECT M

NOTES: STREET LIGHTS

1. SPLICES AT ALL POLE BASES SHALL BE MADE BY USE OF "Y" OR STRAIGHT SPLICE WITH FUSED DISCONNECT TAP AND SHALL BE MADE WITH APPROVED, FIELD APPLIED, WATER PROOF CONNECTOR KITS. KITS NOT REQUIRING A LIGHT TAP SHALL BE UNFUSED. CONNECTOR KIT AT LAST STANDARD OF A CIRCUIT RUN SHALL BE OF A STRAIGHT TYPE WITH FUSE. LIGHT CIRCUIT SHALL BE 240 VOLT THREE WIRE. LIGHT FOR 120 VOLT, ALTERNATING EACH SIDE OF THE LINE CONSECUTIVELY.
2. EXISTING ELECTRICAL LINES DESIGNATED TO BE REMOVED SHALL BE DE-ENERGIZED AND ABANDONED IN PLACE, UNLESS OTHERWISE NOTED ELSEWHERE.
3. THE CONTRACTOR SHALL REMOVE ALL EXIST. STREET LIGHTS WHICH CONFLICT WITH THE WORK UNDER THIS CONTRACT.
4. THE CONTRACTOR SHALL ALSO INSTALL NEW STREET LIGHTS AT LOCATIONS SHOWN ON PLANS IMMEDIATELY UPON COMPLETION OF RECONSTRUCTION OF ROADWAYS
5. ALL NEW LIGHT POLES SHALL MATCH EXIST. & SHALL BE CONCRETE POLES AS MANUFACTURED BY AMERICAN CONCRETE OR AN APPROVED EQUAL.
6. THE CONDUCTORS FOR NEW STREET LIGHTS SHALL BE FURNISHED & INSTALLED BY THE CONTRACTOR AS SHOWN ON THE DRAWINGS.
7. POLE SHALL BE 28 FT., PRESTRESSED CONCRETE, OCTAGONAL, STOCK CODE PS337-0049, BURNED-AND-NICOLE OKERVALL, GREAT LAKES CONCRETE PROD OR APPROVED EQUAL.
8. FIXTURE SHALL BE 150W, 120V, HPS, COBRAHEAD, MAGNETIC REGULATOR, IES TYPE 3, MEDIUM SEMI-CUTOFF GLASS REFRACTOR AND PHOTOCELL, GE OR APPROVED EQUAL.

















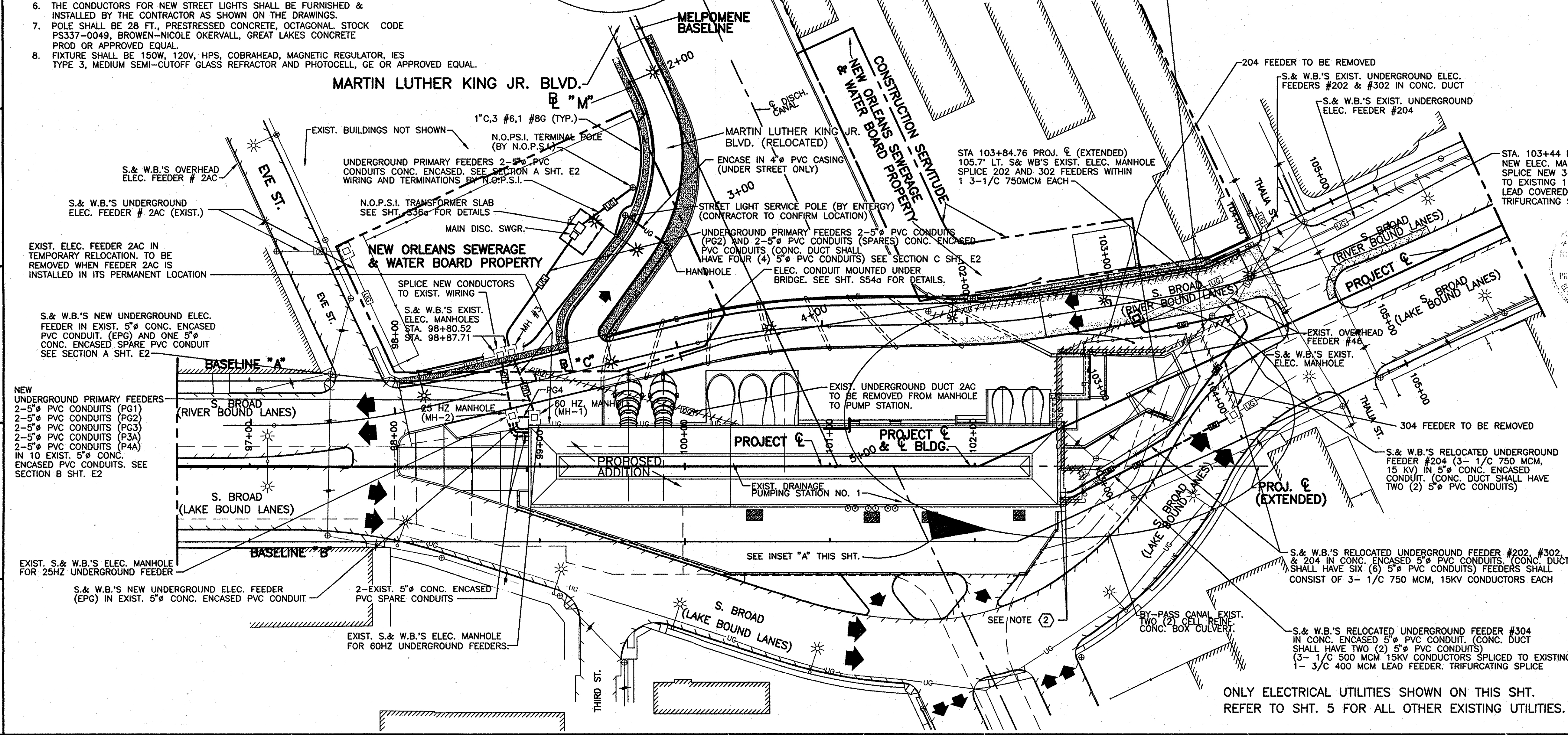
INSET "A"

- NOTES


- ② CONDUITS SHALL ENTER BELOW STATION WALL AND INTO NEW PULLBOXES

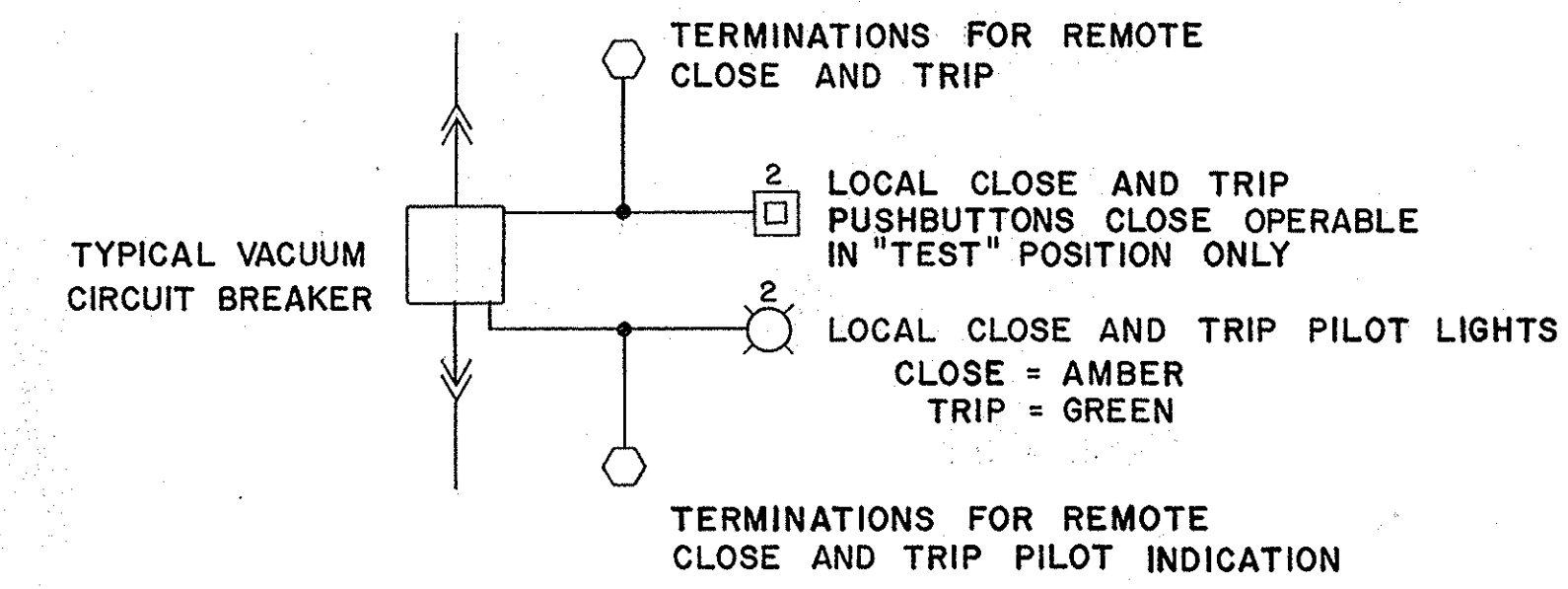
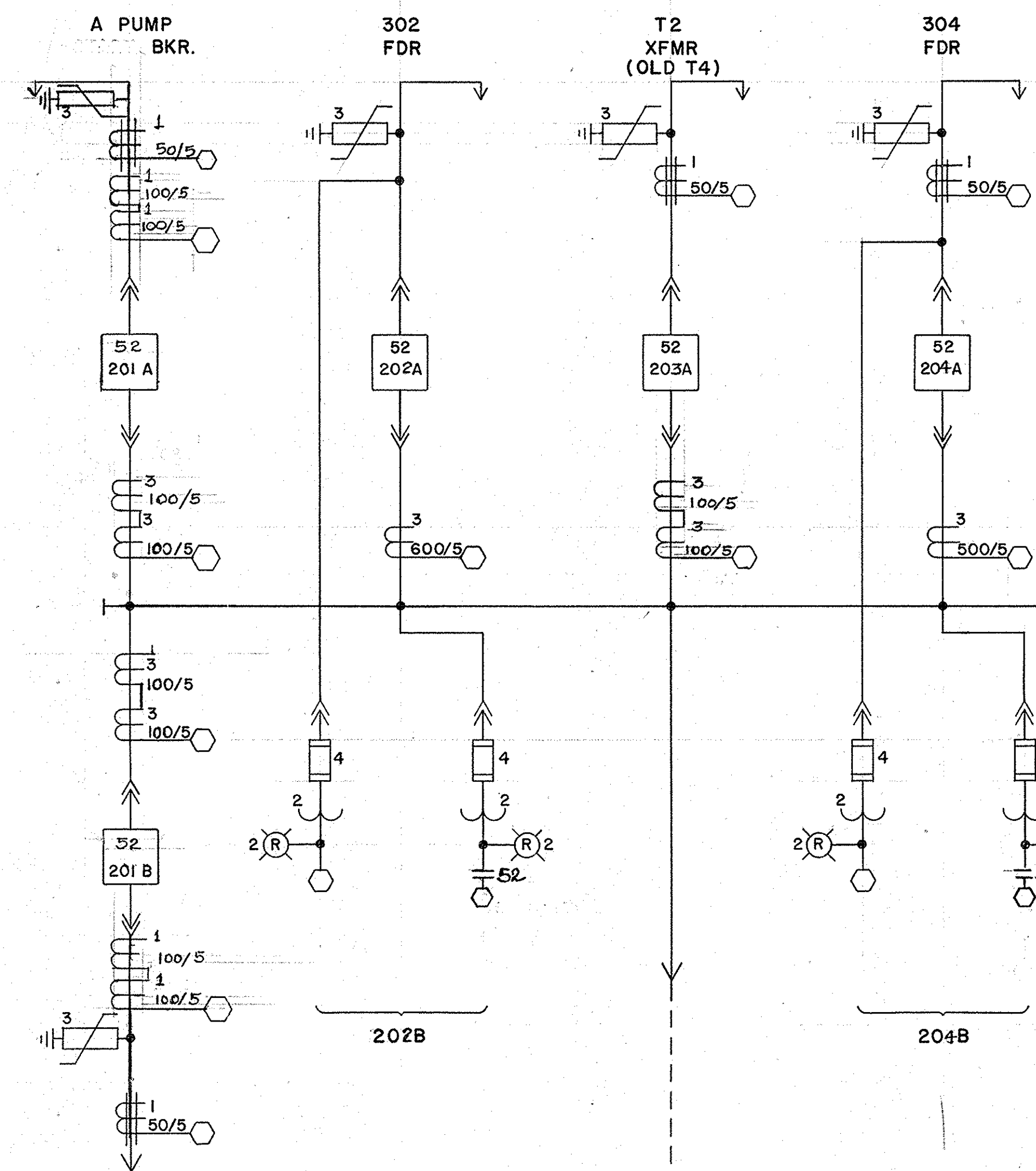
LEGEND

-  NEW ROADWAY CONSTRUCTION
-  EXIST. ROADWAY
-  EXIST. BUILDINGS
-  NEW CONC. SIDEWALK
-  NEW UNDERGROUND ELEC. FEEDERS IN NEW CONC. DUCT (FEEDERS & CONC. DUCT IN THIS CONTRACT)
-  EXIST. UNDERGROUND ELEC. FEEDERS IN CONC. DUCT
-  NEW UNDERGROUND ELEC. FEEDERS IN EXIST. CONC. DUCT (NEW FEEDERS IN THIS CONTRACT)
-  UNDERGROUND ELEC. FEEDERS (NO DUCT)
-  S.& W.B.'S EXIST. ELEC. MANHOLE
-  S.& W.B.'S NEW ELEC. MANHOLE
-  EXIST. LIGHT STD.
-  NEW LIGHT STD.
-  EXIST. UTILITY TO BE REMOVED
-  NEW GALV. STEEL ELECTRICAL CONDUIT

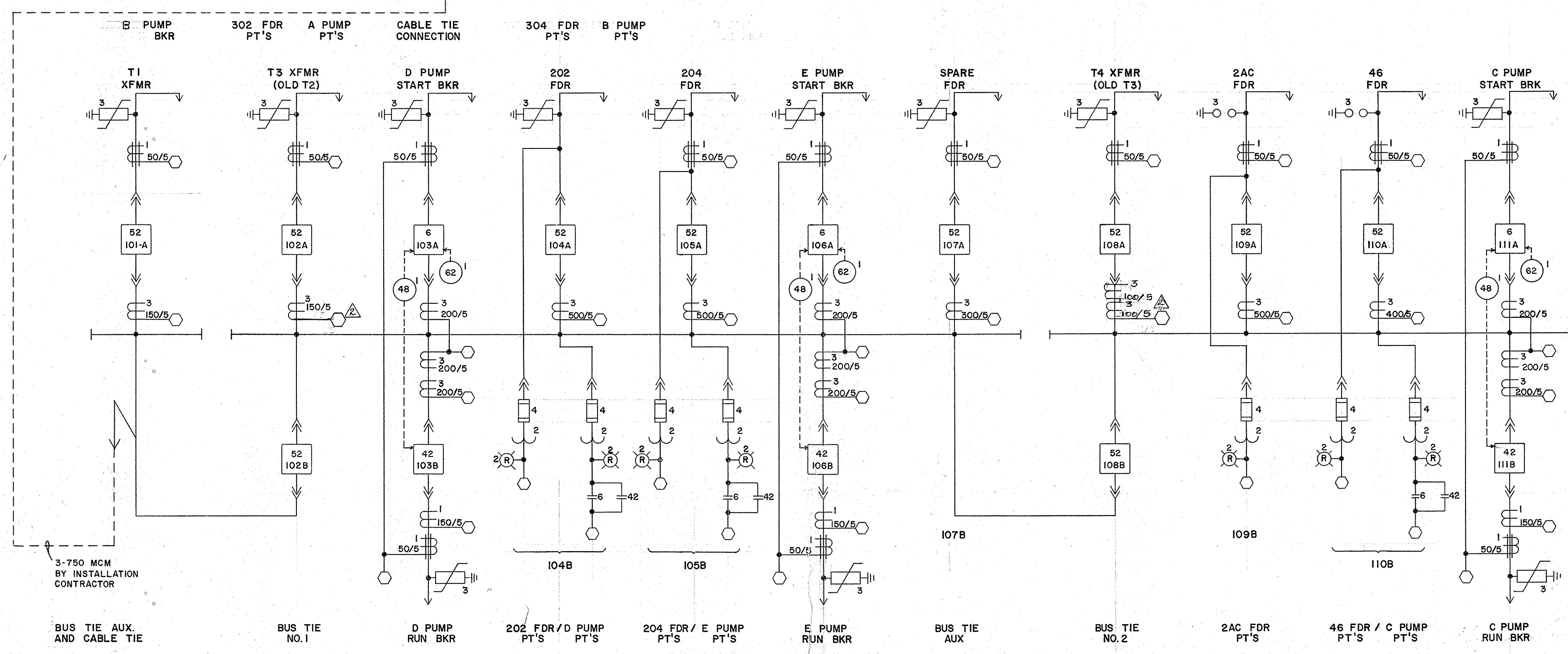


ONLY ELECTRICAL UTILITIES SHOWN ON THIS SHT.
REFER TO SHT. 5 FOR ALL OTHER EXISTING UTILITIES.

SYMBOL	DESCRIPTION	DATE	APPROVED
REVISONS			
	U.S. ARMY ENGINEER DISTRICT, NEW ORLEANS		
	CORPS OF ENGINEERS NEW ORLEANS, LOUISIANA		
SEWERAGE AND WATER BOARD OF NEW ORLEANS		PEPPER & ASSOCIATES, INC. CONSULTING ENGINEERS	
SOUTHEAST LOUISIANA, LOUISIANA ORLEANS PARISH, LOUISIANA			
DRAINAGE PUMPING STATION NO. 1 IMPROVEMENTS			
AREA PLAN — ELECTRICAL UTILITY AND STREET LIGHTING			
DESIGNED BY: S.M.	DATE: 10/01/98	PLOT SCALE: 480	PLOT DATE: 10/01/98
DRAWN BY: P.A.C.	CADD FILE: 5143E001	FILE NO. H-4-45060	
CHECKED BY: S.M.		DWG. E1 OF E14	
SUBMITTED BY: J. PEPPER, P.E.		SOLICITATION NO. DACW29-99-B-0007	
PEPPER & ASSOCIATES, INC. DESIGN ENGINEER			



SWITCHGEAR LINEUP #2



SWITCHGEAR LINEUP NO1

REV.	DATE	DESCRIPTION	BY
3-1-88		DELETED AUX. CT'S	G.P.S.
3-1-88		REVISED LINEUP #2	G.P.S.
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
ONE LINE DIAGRAM			
CONTRACT 6187			
PROPOSED MEDIUM VOLTAGE 25 HERTZ SWITCHGEAR FOR DRAINAGE STATION 1			
DR. K. HELWICK			
TRC.			
CK. G.P.S.			
AP. G. SARRAT			
SCALE NONE	DWG. No. 4864 - P1		
DATE 5-14-87	SETNO.	SHEETNO.	

BUS TIE AUX. AND CABLE TIE

BUS TIE NO.1

D PUMP RUN BKR

202 FDR / D PUMP PT'S

204 FDR / E PUMP PT'S

E PUMP RUN BKR

BUS TIE AUX

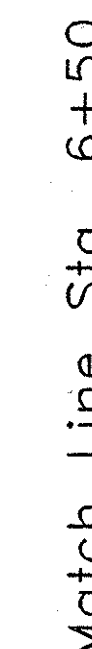
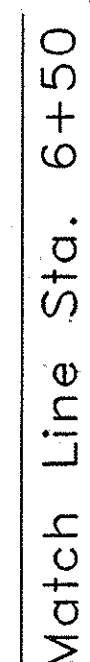
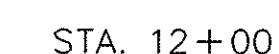
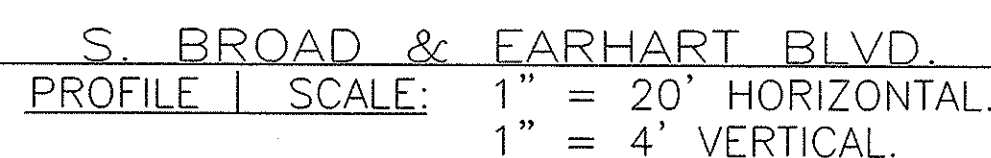
BUS TIE NO.2

2AC FDR PT'S

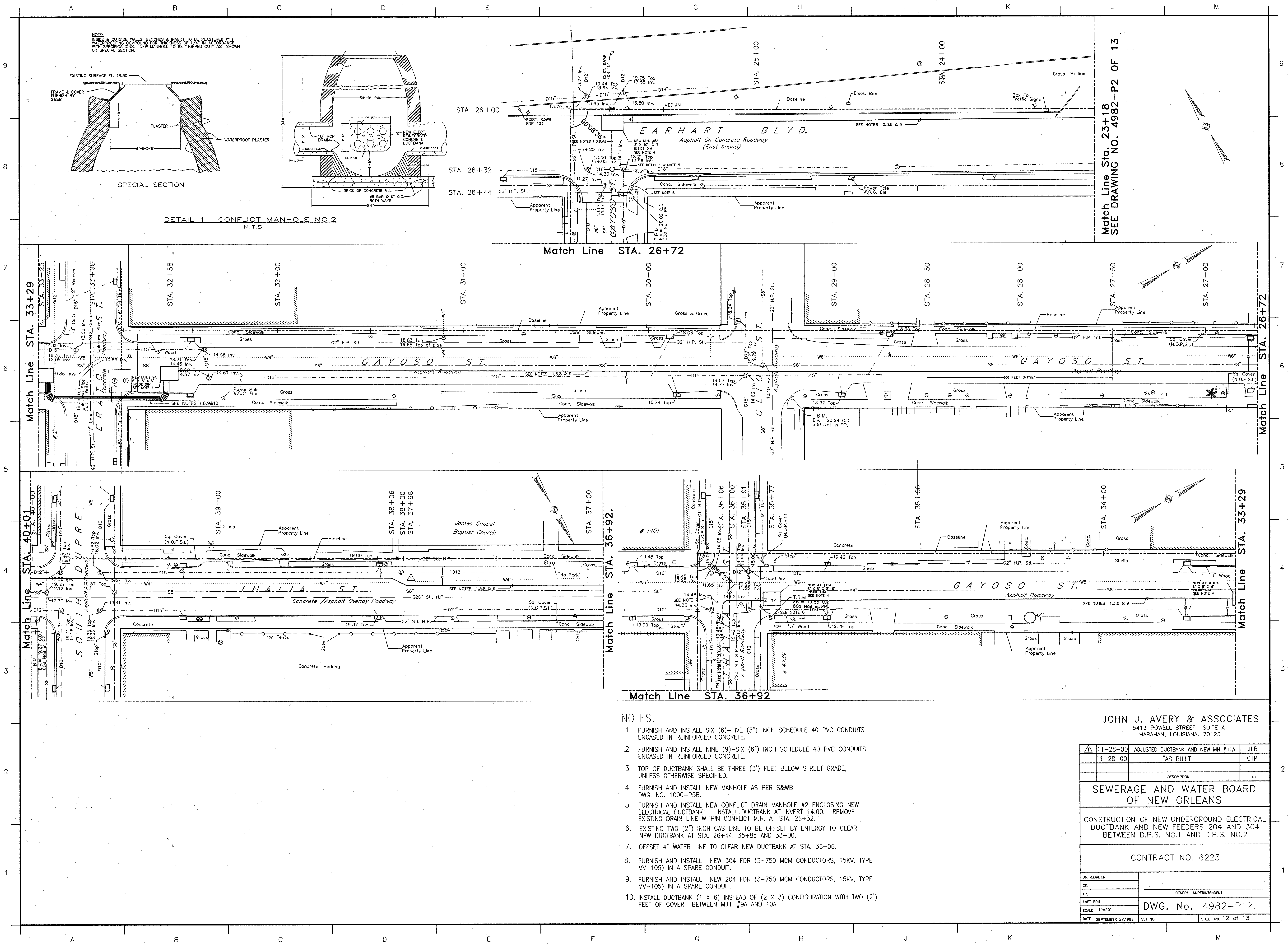
46 FDR / C PUMP PT'S

C PUMP RUN BKR

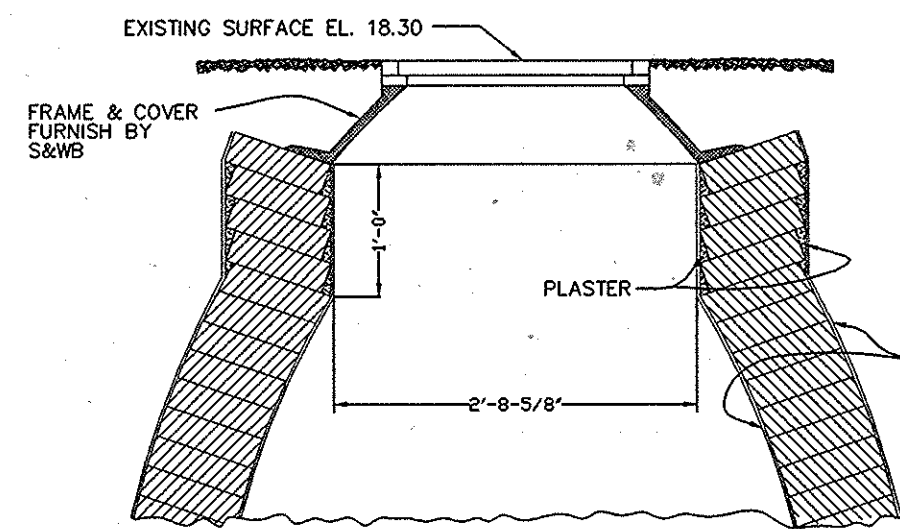
3-750 MCM BY INSTALLATION CONTRACTOR



11-28-00	"AS BUILT"	CTF
	DESCRIPTION	87
SEWERAGE AND WATER BOARD OF NEW ORLEANS		
CONSTRUCTION OF NEW UNDERGROUND ELECTRIC DUCTBANK AND NEW FEEDERS 204 AND 304 BETWEEN D.P.S. NO.1 AND D.P.S. NO.2		
CONTRACT NO. 6223		
DR. J.BADON		
CH.	GENERAL SUPERINTENDENT	
AP.		
LAST EDIT		
SCALE 1"=20'-0"		
DATE SEPTEMBER 27, 1999		
SET NO.	DWG. No. 4982-P1	
	SHEET NO. 1 of 13	

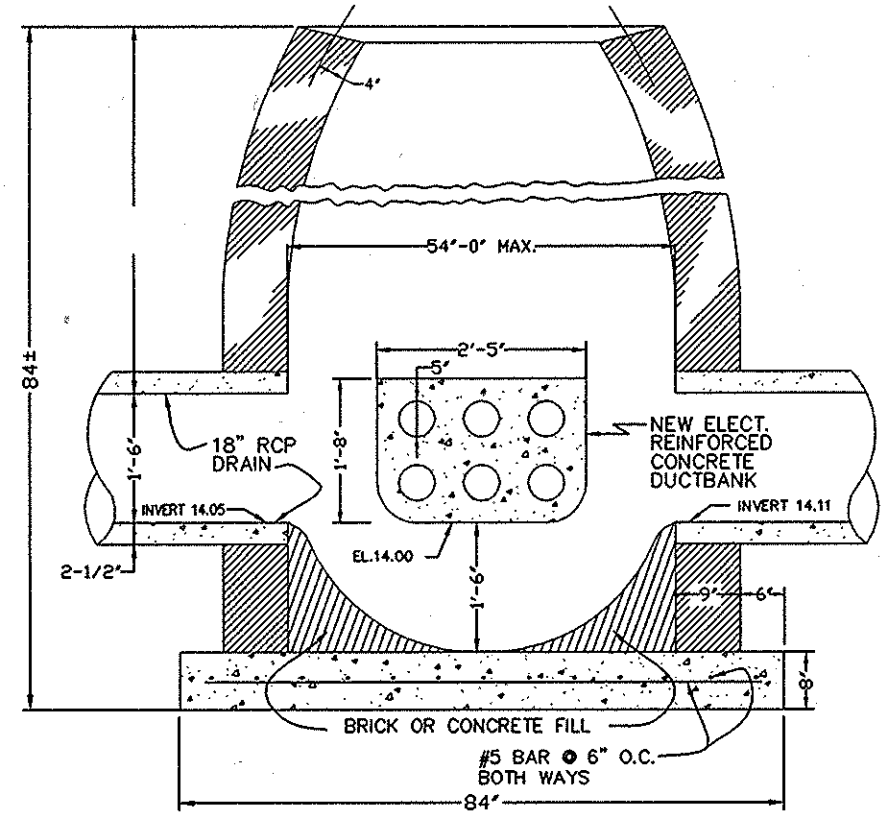


NOTE:
INSIDE & OUTSIDE WALLS, BENCHES & INVERT TO BE PLASTERED WITH
WATERPROOFING COMPOUND FOR THICKNESS OF 1/4" IN ACCORDANCE
WITH SPECIFICATIONS. NEW MANHOLE TO BE TOPPED OUT AS SHOWN
ON SPECIAL SECTION.



SPECIAL SECTION

DETAIL 1- CONFLICT MANHOLE NO.2
N.T.S.



STA. 26+00

STA. 26+32

STA. 26+44

Match Line STA. 26+72

Match Line STA. 33+29

Match Line STA. 40+01

Match Line STA. 36+92

Match Line STA. 26+72

Match Line STA. 33+29

NOTES:

- FURNISH AND INSTALL SIX (6)-FIVE (5") INCH SCHEDULE 40 PVC CONDUITS ENCASED IN REINFORCED CONCRETE.
- FURNISH AND INSTALL NINE (9)-SIX (6") INCH SCHEDULE 40 PVC CONDUITS ENCASED IN REINFORCED CONCRETE.
- TOP OF DUCTBANK SHALL BE THREE (3') FEET BELOW STREET GRADE, UNLESS OTHERWISE SPECIFIED.
- FURNISH AND INSTALL NEW MANHOLE AS PER S&WB DWG. NO. 1000-P5B.
- FURNISH AND INSTALL NEW CONFLICT DRAIN MANHOLE #2 ENCLOSING NEW ELECTRICAL DUCTBANK. INSTALL DUCTBANK AT INVERT 14.00. REMOVE EXISTING DRAIN LINE WITHIN CONFLICT M.H. AT STA. 26+32.
- EXISTING TWO (2") INCH GAS LINE TO BE OFFSET BY ENTERGY TO CLEAR NEW DUCTBANK AT STA. 26+44, 35+85 AND 33+00.
- OFFSET 4" WATER LINE TO CLEAR NEW DUCTBANK AT STA. 36+06.
- FURNISH AND INSTALL NEW 304 FDR (3-750 MCM CONDUCTORS, 15KV, TYPE MV-105) IN A SPARE CONDUIT.
- FURNISH AND INSTALL NEW 204 FDR (3-750 MCM CONDUCTORS, 15KV, TYPE MV-105) IN A SPARE CONDUIT.
- INSTALL DUCTBANK (1 X 6) INSTEAD OF (2 X 3) CONFIGURATION WITH TWO (2') FEET OF COVER BETWEEN M.H. #9A AND 10A.

JOHN J. AVERY & ASSOCIATES
5413 POWELL STREET SUITE A
HARAHAN, LOUISIANA. 70123

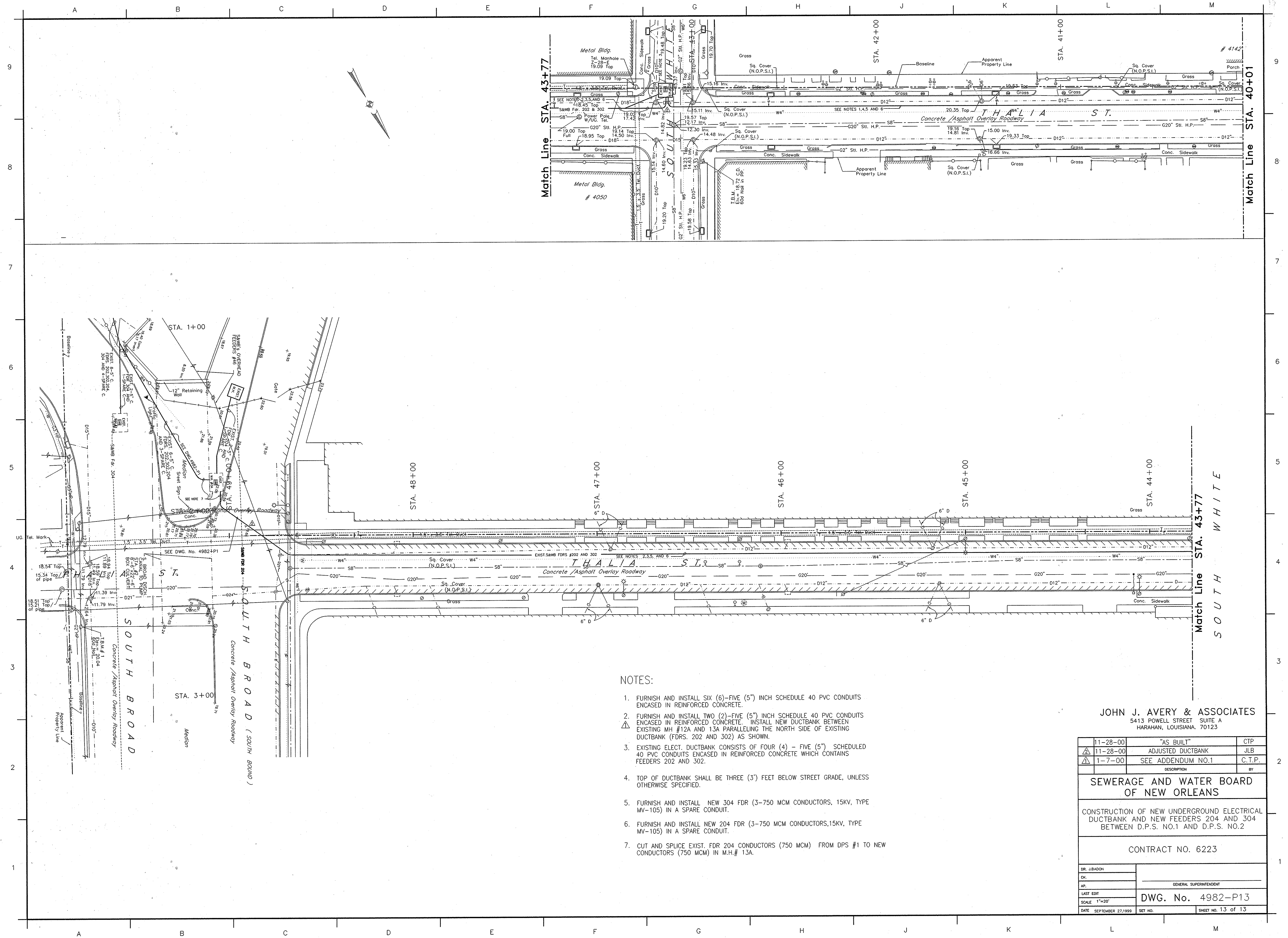
11-28-00	ADJUSTED DUCTBANK AND NEW MH #11A	JLB
11-28-00	"AS BUILT"	CTP
DESCRIPTION		BY

SEWERAGE AND WATER BOARD
OF NEW ORLEANS

CONSTRUCTION OF NEW UNDERGROUND ELECTRICAL
DUCTBANK AND NEW FEEDERS 204 AND 304
BETWEEN D.P.S. NO.1 AND D.P.S. NO.2

CONTRACT NO. 6223

DR. J. BADON	GENERAL SUPERINTENDENT	
CK.		
AP.		
LAST EDIT		
SCALE 1"=20'	DWG. No. 4982-P12	
DATE SEPTEMBER 27, 1999	SET NO.	SHEET NO. 12 OF 13



NOTES:

1. FURNISH AND INSTALL SIX (6)-FIVE (5") INCH SCHEDULE 40 PVC CONDUITS ENCASED IN REINFORCED CONCRETE.
2. FURNISH AND INSTALL TWO (2)-FIVE (5") INCH SCHEDULE 40 PVC CONDUITS ENCASED IN REINFORCED CONCRETE. INSTALL NEW DUCTBANK BETWEEN EXISTING MH #12A AND 13A PARALLELING THE NORTH SIDE OF EXISTING DUCTBANK (FDRS. 202 AND 302) AS SHOWN.
3. EXISTING ELECT. DUCTBANK CONSISTS OF FOUR (4) - FIVE (5") SCHEDULED 40 PVC CONDUITS ENCASED IN REINFORCED CONCRETE WHICH CONTAINS FEEDERS 202 AND 302.
4. TOP OF DUCTBANK SHALL BE THREE (3') FEET BELOW STREET GRADE, UNLESS OTHERWISE SPECIFIED.
5. FURNISH AND INSTALL NEW 304 FDR (3-750 MCM CONDUCTORS, 15KV, TYPE MV-105) IN A SPARE CONDUIT.
6. FURNISH AND INSTALL NEW 204 FDR (3-750 MCM CONDUCTORS, 15KV, TYPE MV-105) IN A SPARE CONDUIT.
7. CUT AND SPLICE EXIST. FDR 204 CONDUCTORS (750 MCM) FROM DPS #1 TO NEW CONDUCTORS (750 MCM) IN M.H.# 13A.

JOHN J. AVERY & ASSOCIATES
5413 POWELL STREET SUITE A
HARAHAN, LOUISIANA. 70123

11-28-00	"AS BUILT"	CTP
11-28-00	ADJUSTED DUCTBANK	JLB
1-7-00	SEE ADDENDUM NO.1	C.T.P.

SEWERAGE AND WATER BOARD
OF NEW ORLEANS

CONSTRUCTION OF NEW UNDERGROUND ELECTRICAL
DUCTBANK AND NEW FEEDERS 204 AND 304
BETWEEN D.P.S. NO.1 AND D.P.S. NO.2

CONTRACT NO. 6223

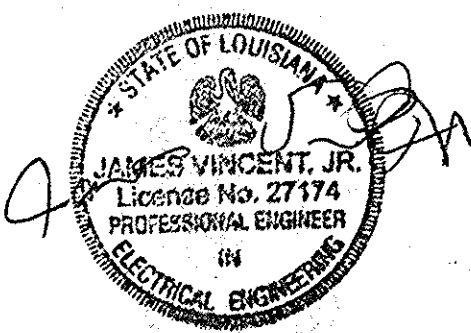
DR. J. BADON	
CH.	
AP.	GENERAL SUPERINTENDENT
LAST EDIT	DWG. No. 4982-P13
SCALE 1"=20'	
DATE SEPTEMBER 27, 1999	SET NO. SHEET NO. 13 OF 13

SEWERAGE & WATER BOARD
OF NEW ORLEANS

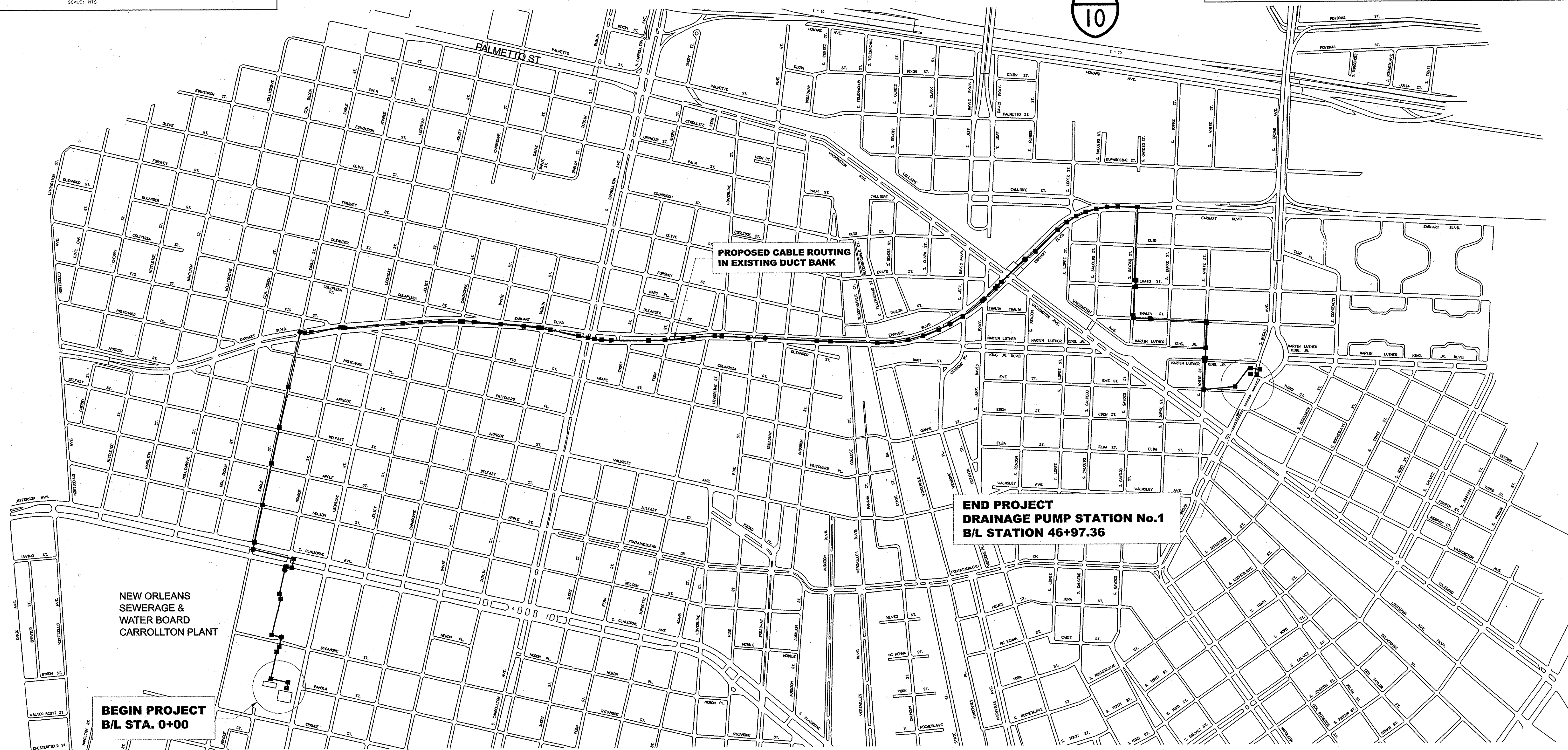
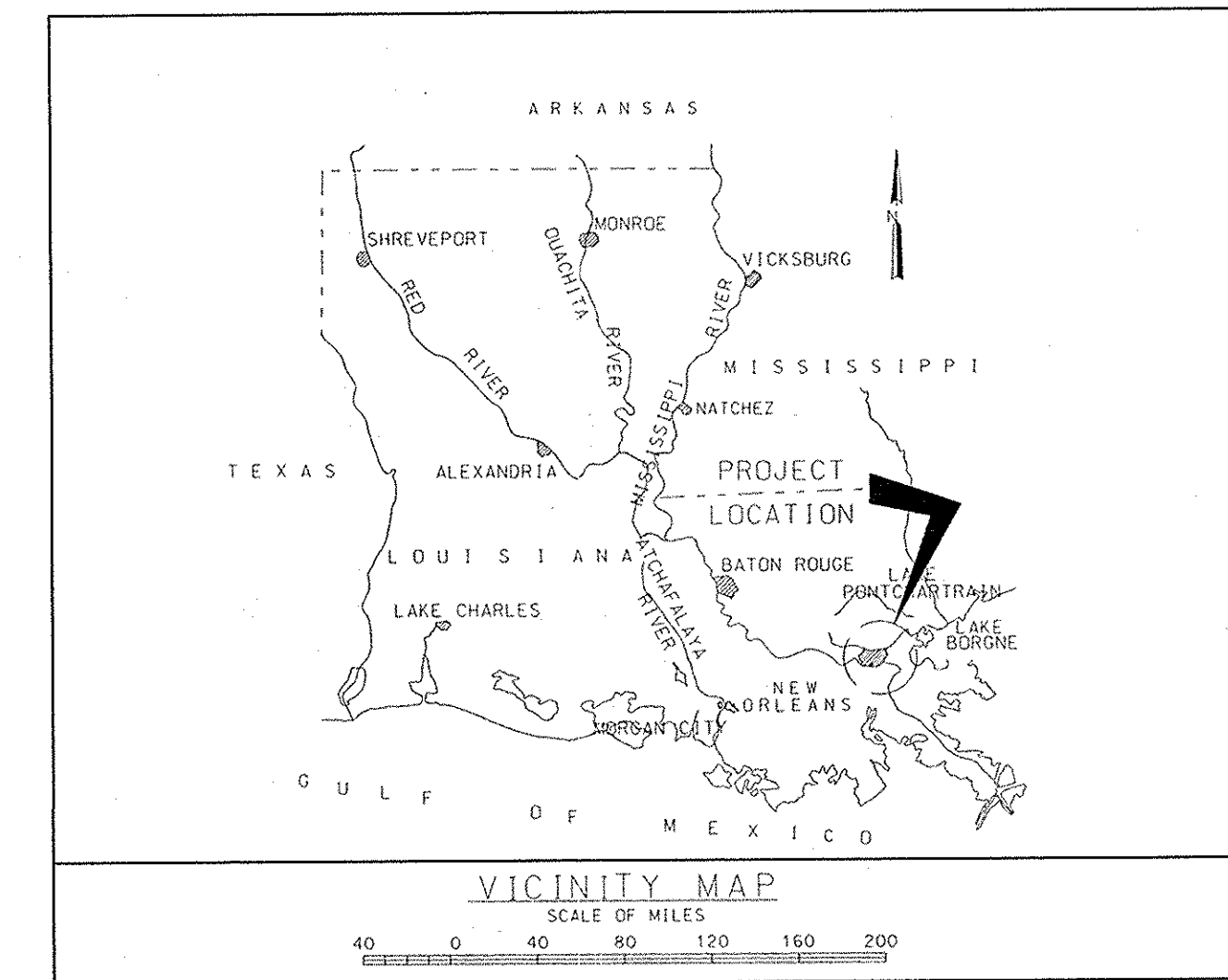
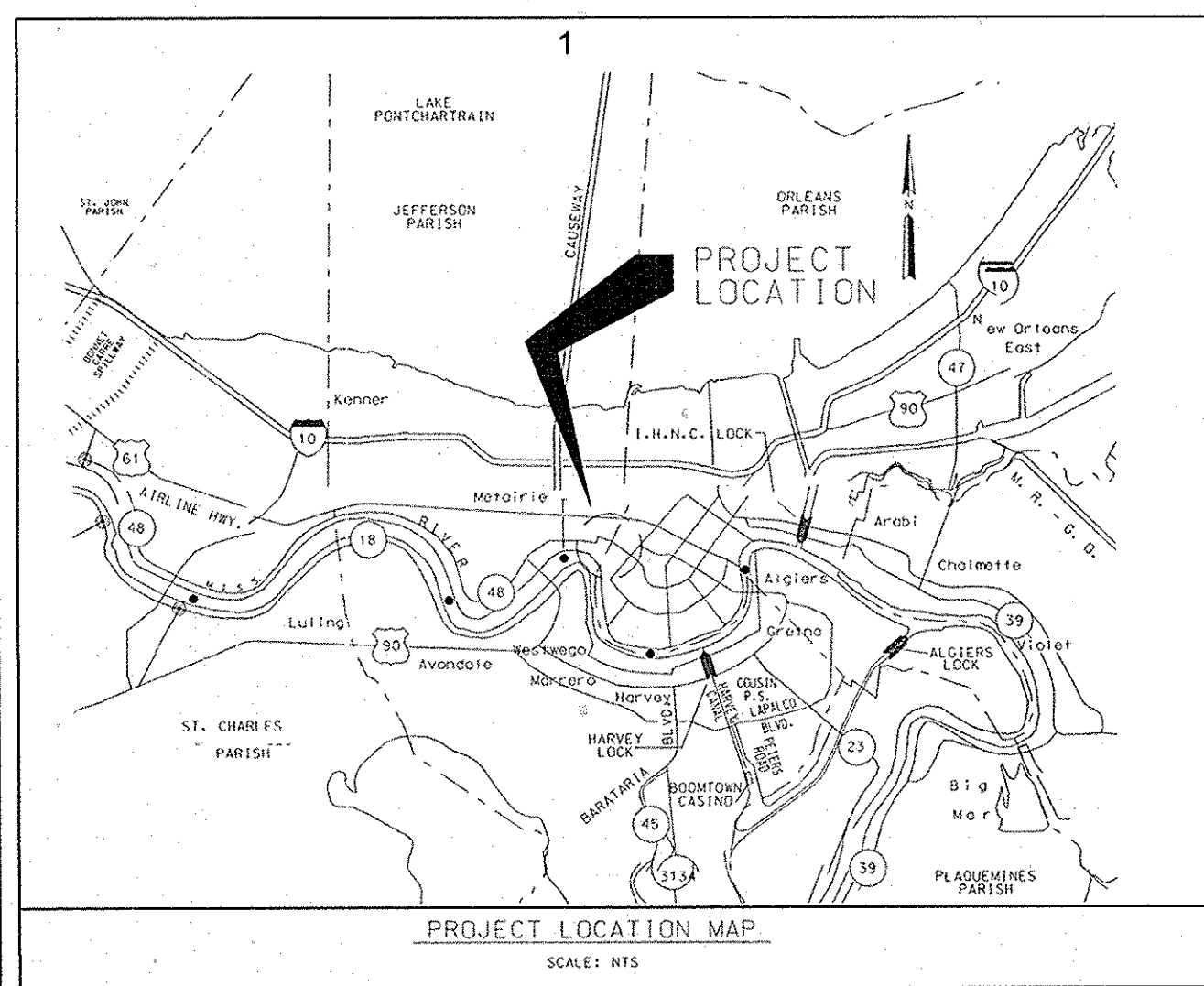
ELECTRICAL ENGINEERING DEPARTMENT

CONTACT No. 6248

INSTALLATION OF TWO 60 - HERTZ
FEEDERS FROM THE CARROLLTON WATER
PLANT TO DRAINAGE PUMPING STATION #1

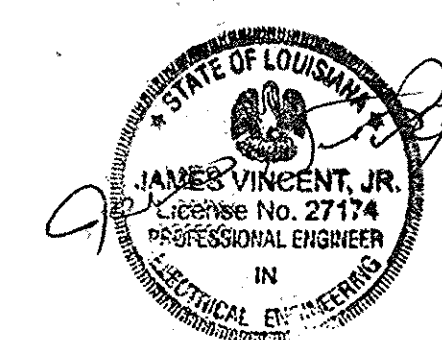


REV.	DATE	DESCRIPTION	BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
INSTALLATION OF TWO 60-HERTZ FEEDERS FROM THE CARROLLTON WATER PLANT TO DRAINAGE PUMPING STATION 1			
CONTRACT 6248			
DR. THUYAN NGUYEN			
LAST EDIT JULY 12, 2013			
CK. <i>[Signature]</i>			
SCALE AS SHOWN		DWG. No. 5058 - P0	
DATE JAN. 29, 2013		SET NO.	SHEET NO. 1 OF 30

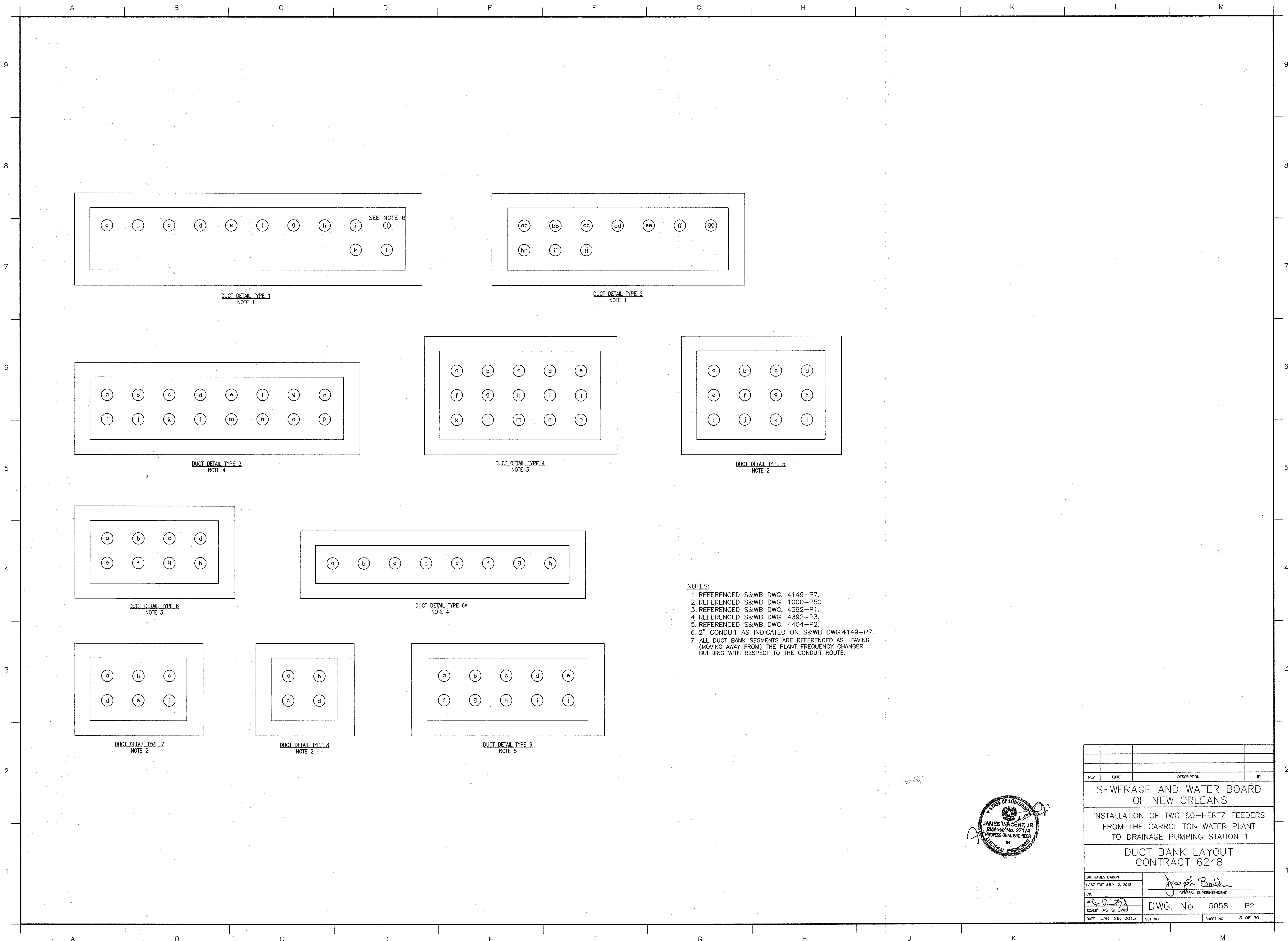


PROJECT LOCATION AND VICINITY MAPS

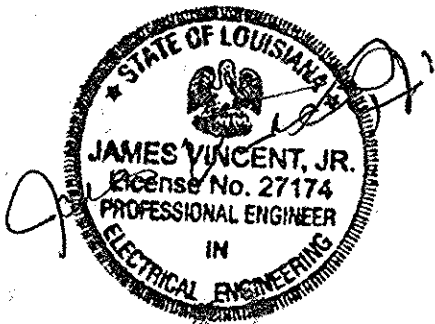
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SCALE: 1"=500'



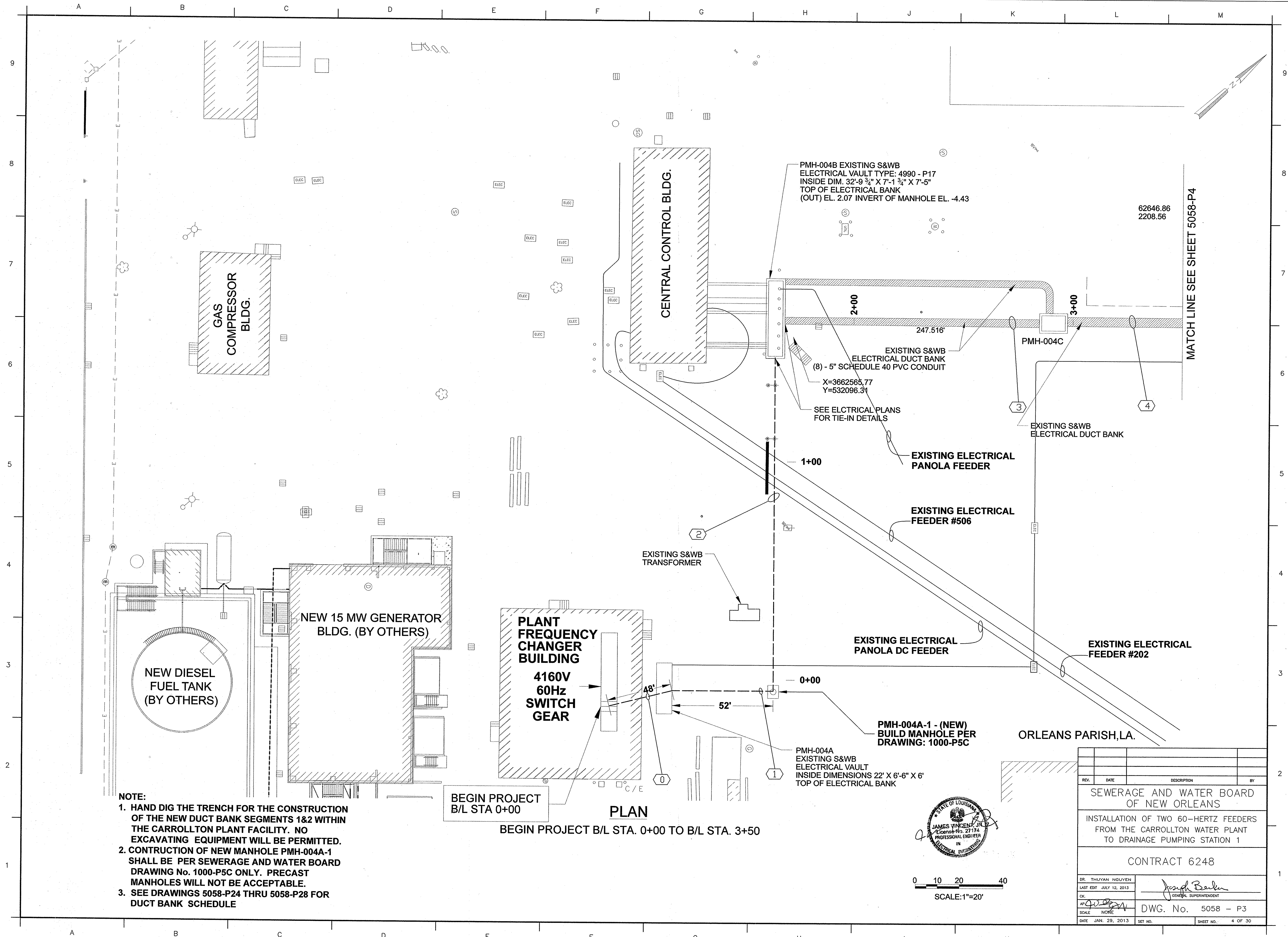
REV.	DATE	DESCRIPTION	BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
INSTALLATION OF TWO 60-HERTZ FEEDERS FROM THE CARROLLTON WATER PLANT TO DRAINAGE PUMPING STATION 1			
CONTRACT 6248			
DR. THUYAN NGUYEN		<i>Joseph Baker</i>	
LAST EDIT JULY 12, 2013		GENERAL SUPERINTENDENT	
DWG. No. 5058 - P1			
DATE JAN. 29, 2013		SHEET NO. 2 OF 30	



- NOTES:
- 1. REFERENCED S&WB DWG. 4149-P7.
 - 2. REFERENCED S&WB DWG. 1000-P5C.
 - 3. REFERENCED S&WB DWG. 4392-P1.
 - 4. REFERENCED S&WB DWG. 4392-P3.
 - 5. REFERENCED S&WB DWG. 4404-P2.
 - 6. 2" CONDUIT AS INDICATED ON S&WB DWG.4149-P7.
 - 7. ALL DUCT BANK SEGMENTS ARE REFERENCED AS LEAVING (MOVING AWAY FROM) THE PLANT FREQUENCY CHANGER BUILDING WITH RESPECT TO THE CONDUIT ROUTE.



REV.	DATE	DESCRIPTION	BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
INSTALLATION OF TWO 60-HERTZ FEEDERS FROM THE CARROLLTON WATER PLANT TO DRAINAGE PUMPING STATION 1			
DUCT BANK LAYOUT CONTRACT 6248			
DR. JAMES BADON LAST EDIT JULY 12, 2013		<i>Joseph Baden</i> GENERAL SUPERINTENDENT	
CK.		DWG. No. 5058 - P2	
SCALE AS SHOWN		SHEET NO. 3 OF 30	
DATE JAN. 29, 2013		SET NO.	

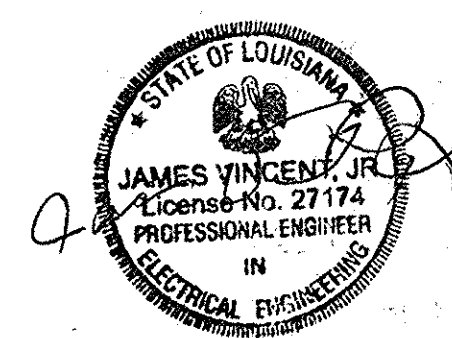


- NOTE:**
- 1. HAND DIG THE TRENCH FOR THE CONSTRUCTION OF THE NEW DUCT BANK SEGMENTS 1&2 WITHIN THE CARROLLTON PLANT FACILITY. NO EXCAVATING EQUIPMENT WILL BE PERMITTED.
 - 2. CONSTRUCTION OF NEW MANHOLE PMH-004A-1 SHALL BE PER SEWERAGE AND WATER BOARD DRAWING No. 1000-P5C ONLY. PRECAST MANHOLES WILL NOT BE ACCEPTABLE.
 - 3. SEE DRAWINGS 5058-P24 THRU 5058-P28 FOR DUCT BANK SCHEDULE

BEGIN PROJECT B/L STA 0+00

PLAN

BEGIN PROJECT B/L STA. 0+00 TO B/L STA. 3+50

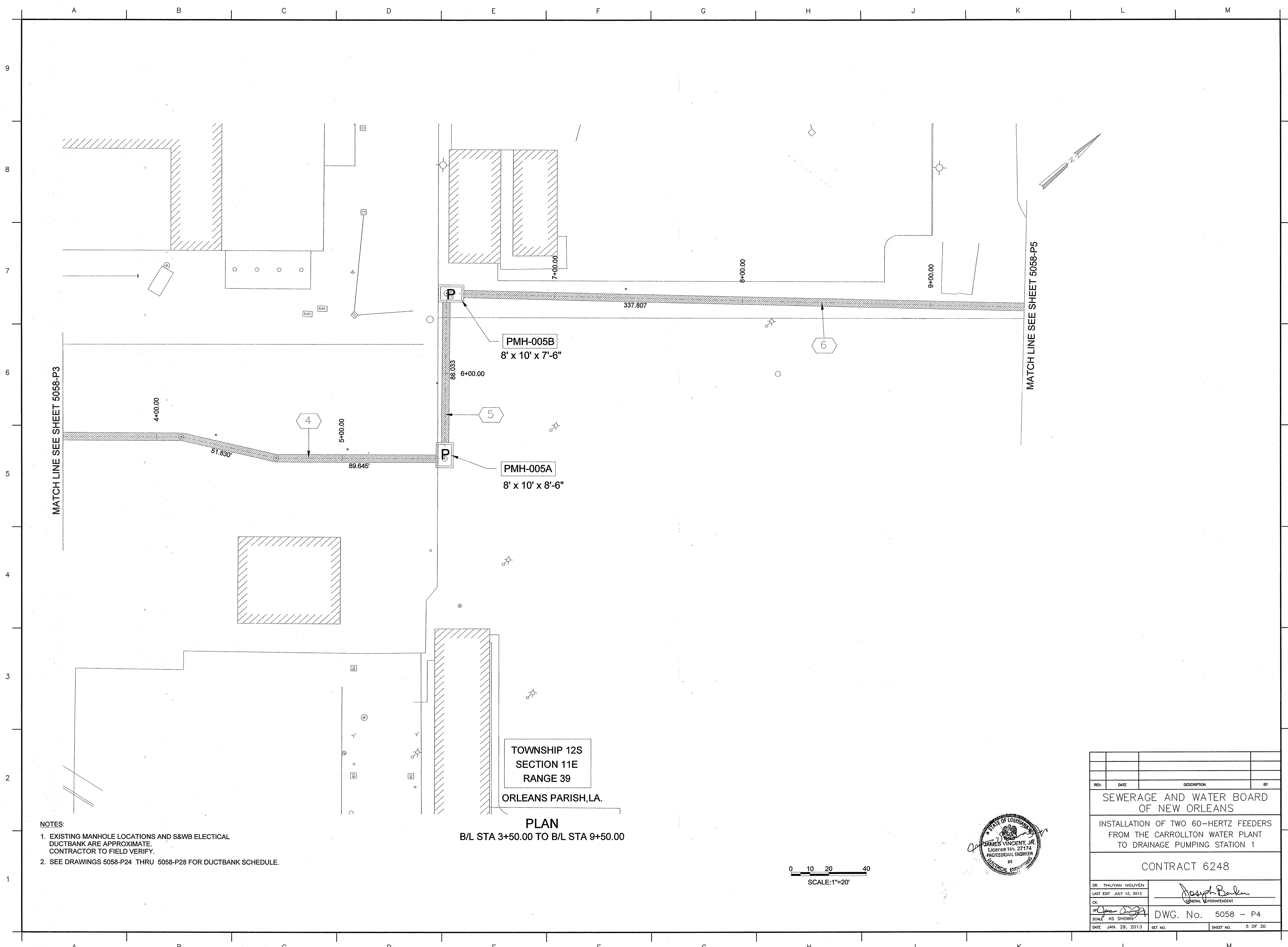


0 10 20 40
SCALE: 1"=20'

REV.	DATE	DESCRIPTION	BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
INSTALLATION OF TWO 60-HERTZ FEEDERS FROM THE CARROLLTON WATER PLANT TO DRAINAGE PUMPING STATION 1			
CONTRACT 6248			
DR. THUYAN NGUYEN		<i>Joseph Barlin</i> GENERAL SUPERINTENDENT	
LAST EDIT JULY 12, 2013		DWG. No. 5058 - P3	
AP. <i>James Vincent, Jr.</i>		SHEET NO. 4 OF 30	
SCALE NONE			
DATE JAN. 29, 2013			

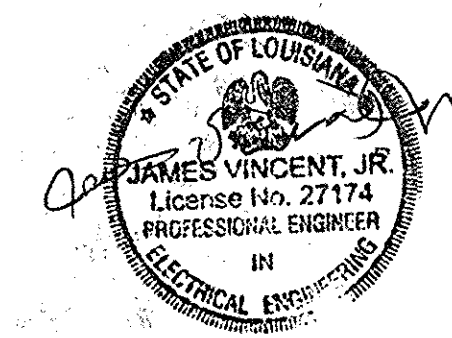
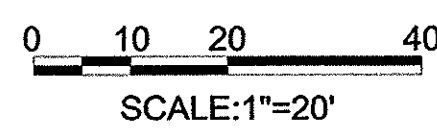
MATCH LINE SEE SHEET 5058-P4

ORLEANS PARISH, LA.

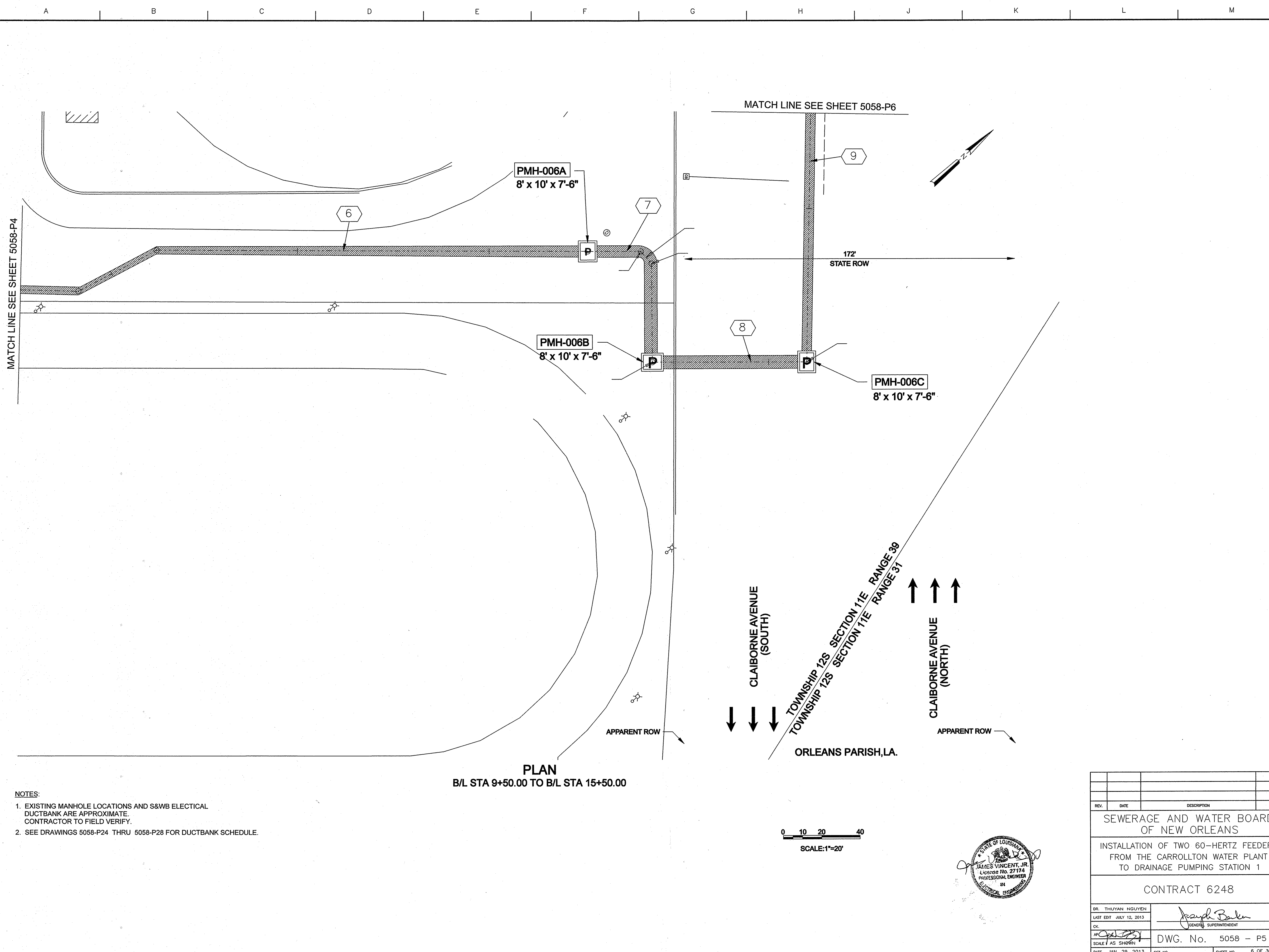


- NOTES:
1. EXISTING MANHOLE LOCATIONS AND S&WB ELECTRICAL DUCTBANK ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY.
 2. SEE DRAWINGS 5058-P24 THRU 5058-P28 FOR DUCTBANK SCHEDULE.

PLAN
B/L STA 3+50.00 TO B/L STA 9+50.00

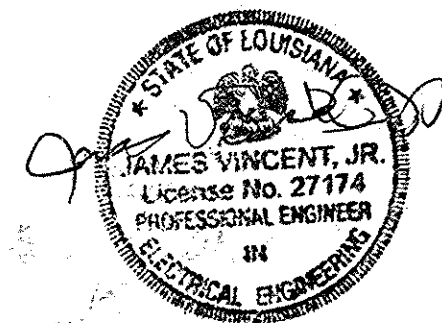


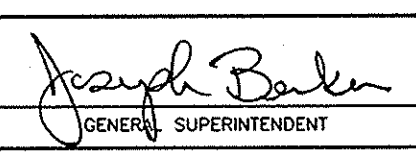
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
INSTALLATION OF TWO 60-HERTZ FEEDERS FROM THE CARROLLTON WATER PLANT TO DRAINAGE PUMPING STATION 1			
CONTRACT 6248			
DR. THUYAN NGUYEN LAST EDIT JULY 12, 2013			
CK.			
SCALE AS SHOWN	DWG. No. 5058 - P4		
DATE JAN. 29, 2013	SET NO.	SHEET NO.	5 OF 30

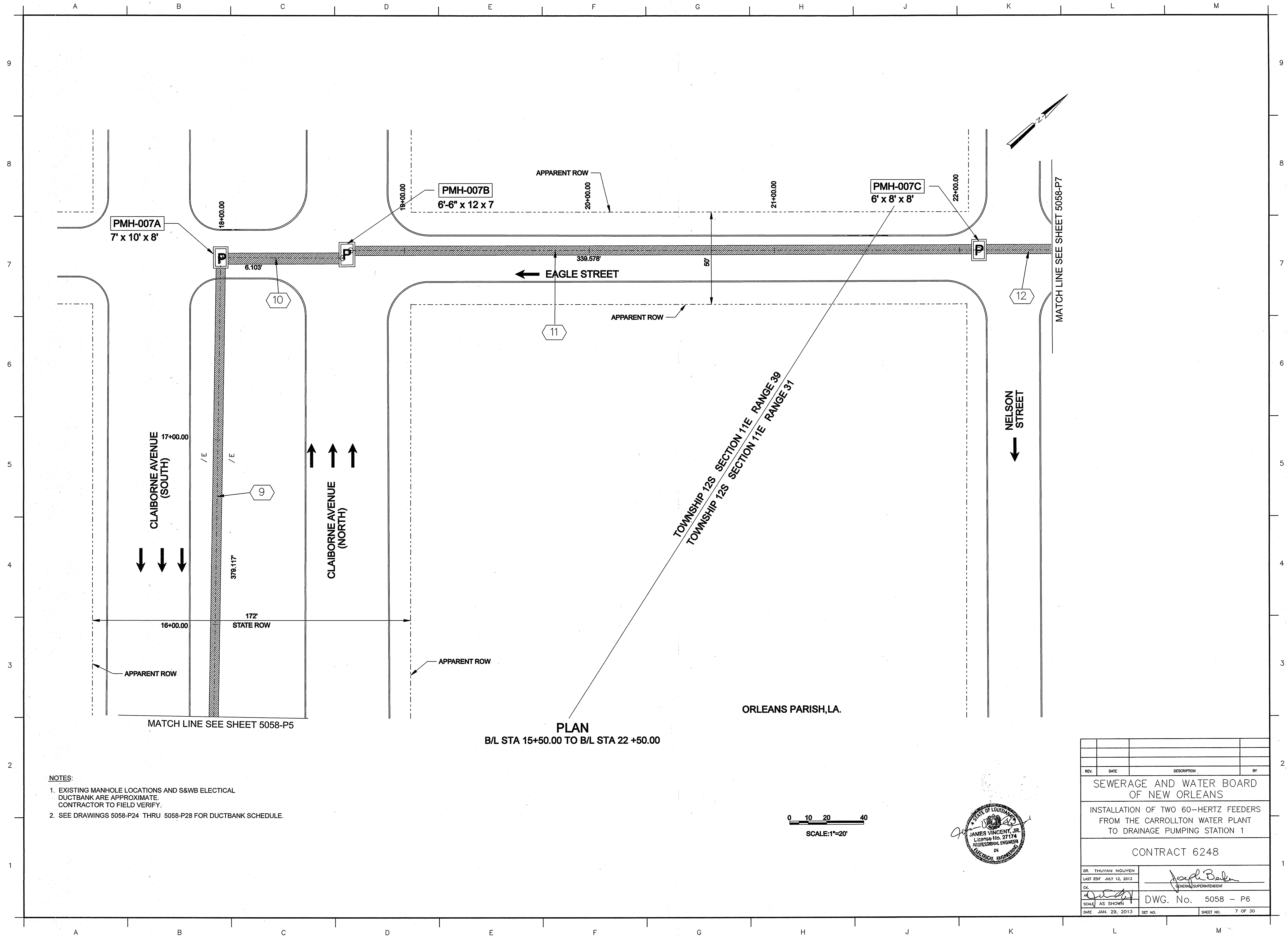


- NOTES:
1. EXISTING MANHOLE LOCATIONS AND S&WB ELECTRICAL DUCTBANK ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY.
 2. SEE DRAWINGS 5058-P24 THRU 5058-P28 FOR DUCTBANK SCHEDULE.

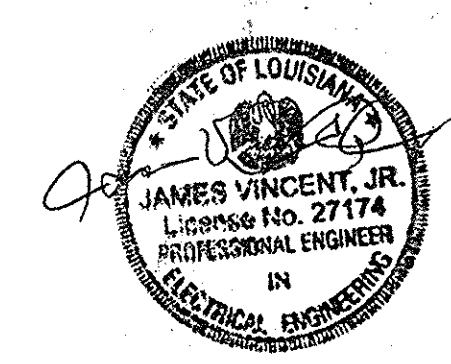
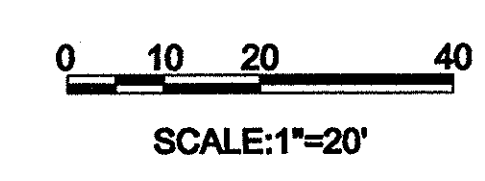
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SCALE: 1"=20'

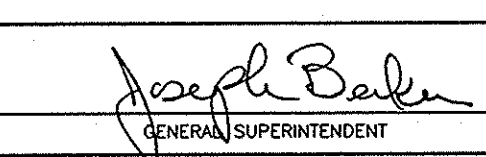


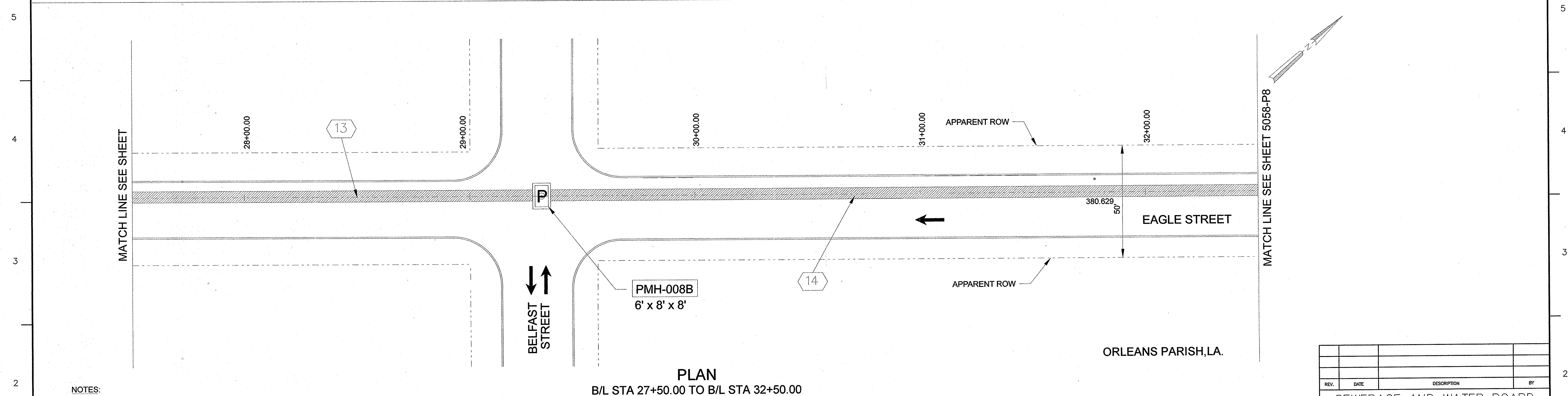
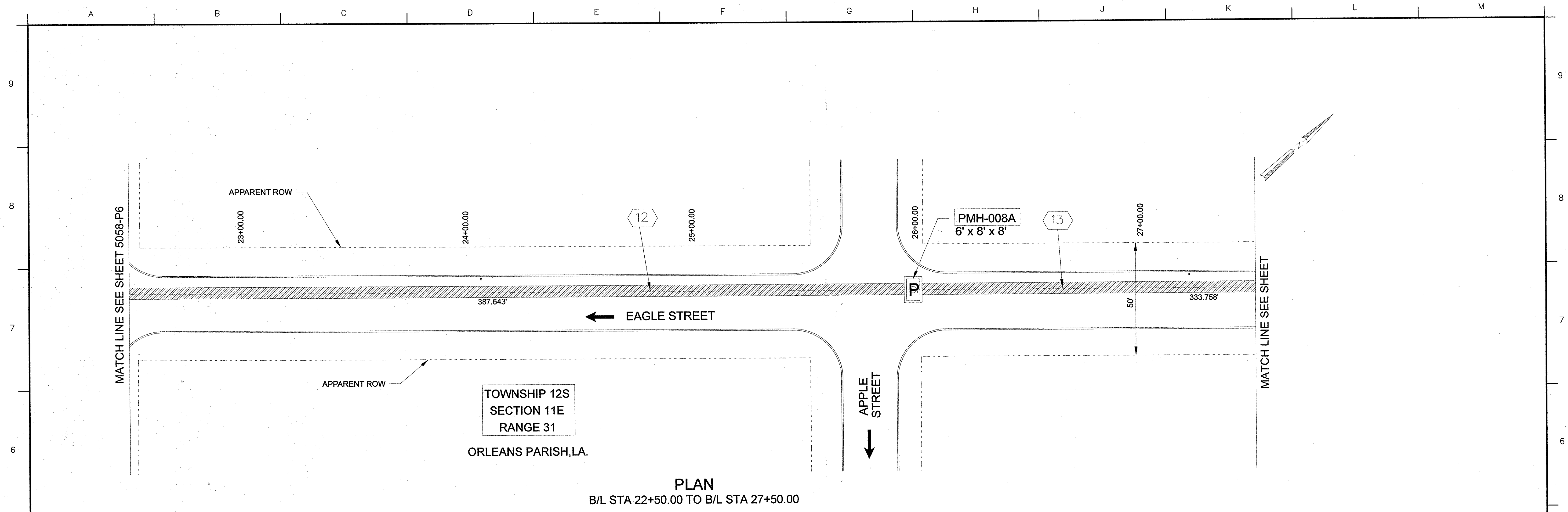
REV.	DATE	DESCRIPTION	BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
INSTALLATION OF TWO 60-HERTZ FEEDERS FROM THE CARROLLTON WATER PLANT TO DRAINAGE PUMPING STATION 1			
CONTRACT 6248			
DR. THUYAN NGUYEN			
LAST EDIT JULY 12, 2013			
CK.	GENERAL SUPERINTENDENT		
SCALE AS SHOWN	DWG. No. 5058 - P5		
DATE JAN. 29, 2013	SET NO.	SHEET NO.	6 OF 30



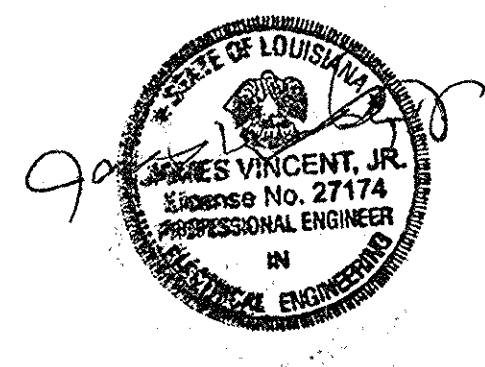
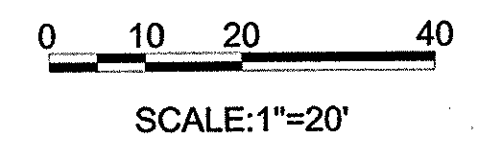
- NOTES:
- 1. EXISTING MANHOLE LOCATIONS AND S&WB ELECTRICAL DUCTBANK ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY.
 - 2. SEE DRAWINGS 5058-P24 THRU 5058-P28 FOR DUCTBANK SCHEDULE.

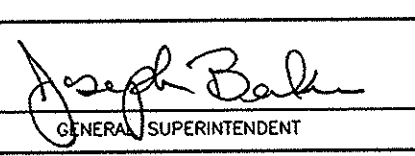
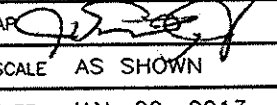


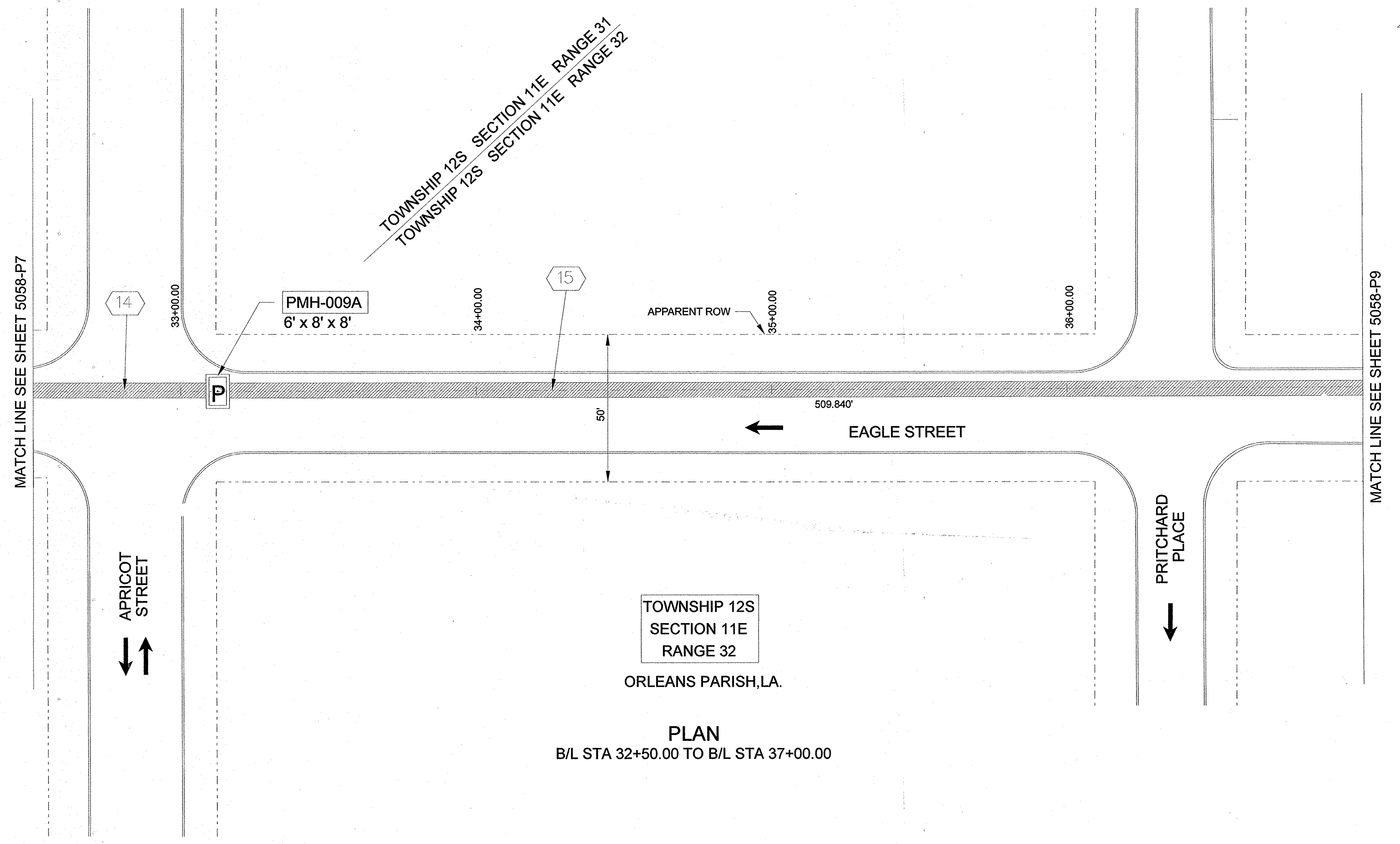
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
INSTALLATION OF TWO 60-HERTZ FEEDERS FROM THE CARROLLTON WATER PLANT TO DRAINAGE PUMPING STATION 1			
CONTRACT 6248			
DR. THUYAN NGUYEN			
LAST EDIT: JULY 12, 2013			
CK.	GENERAL SUPERINTENDENT		
SCALE: AS SHOWN	DWG. No. 5058 - P6		
DATE: JAN. 29, 2013	SET NO.	SHEET NO. 7 OF 30	



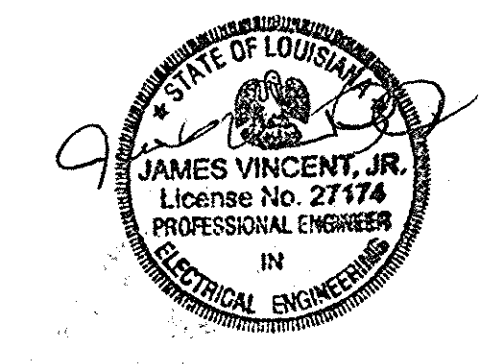
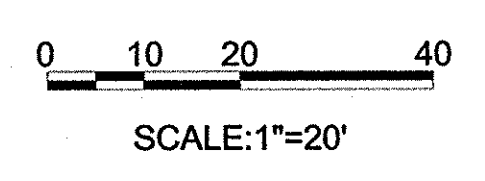
- NOTES:
1. EXISTING MANHOLE LOCATIONS AND S&WB ELECTRICAL DUCTBANK ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY.
 2. SEE DRAWINGS 5058-P24 THRU 5058-P28 FOR DUCTBANK SCHEDULE.



REV.	DATE	DESCRIPTION	BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
INSTALLATION OF TWO 60-HERTZ FEEDERS FROM THE CARROLLTON WATER PLANT TO DRAINAGE PUMPING STATION 1			
CONTRACT 6248			
DR. THUYAN NGUYEN	 GENERAL SUPERINTENDENT		
LAST EDIT JULY 12, 2013			
CK.			
AP. 	DWG. No. 5058 - P7		
SCALE AS SHOWN	DATE JAN. 29, 2013	SHEET NO.	8 OF 30



- NOTES:
1. EXISTING MANHOLE LOCATIONS AND S&WB ELECTRICAL DUCTBANK ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY.
 2. SEE DRAWINGS 5058-P24 THRU 5058-P28 FOR DUCTBANK SCHEDULE.



REV.	DATE	DESCRIPTION	BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
60HZ FEEDER FROM CARROLLTON WATER PLANT TO DRAINAGE PUMPING STATION #1			
CONTRACT 6248			
DR. THUYAN NGUYEN		Joseph Balin	
LAST EDIT JULY 12, 2013		GENERAL SUPERINTENDENT	
CK. [Signature]		DWG. No. 5058 - P8	
AP. [Signature]		SET NO.	
SCALE NONE		SHEET NO. 9 OF 30	
DATE JAN. 29, 2013			

PMH-010A
8' x 10' x 7'

PMH-010B
8' x 10' x 8'-6"

TOWNSHIP 12S
SECTION 11E
RANGE 32

ORLEANS PARISH, LA.

PLAN
B/L STA 37+00.00 TO B/L STA 42+50.00

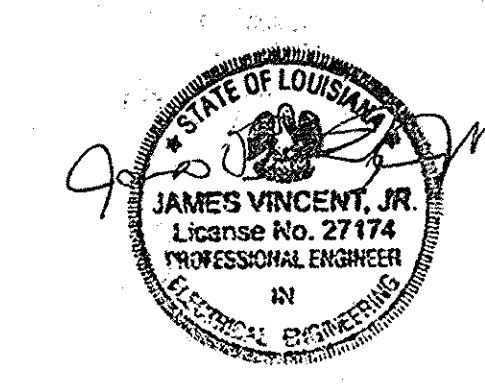
TOWNSHIP 12S
SECTION 11E
RANGE 32

ORLEANS PARISH, LA.

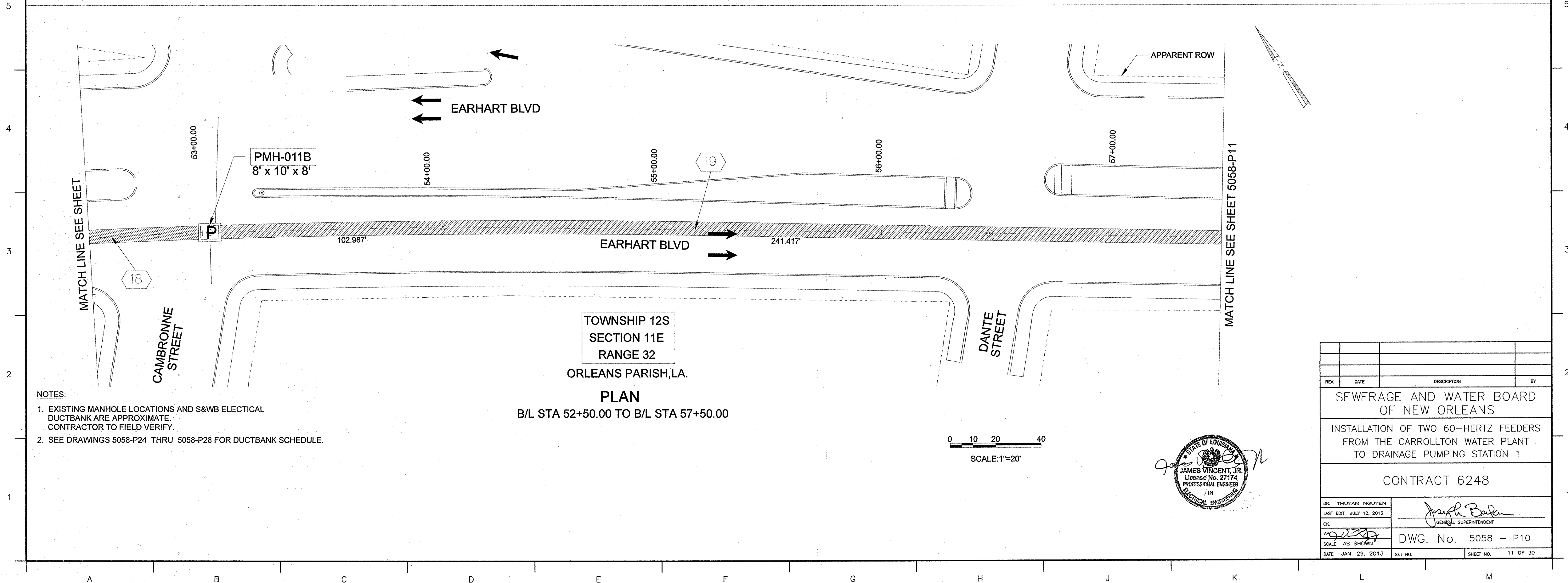
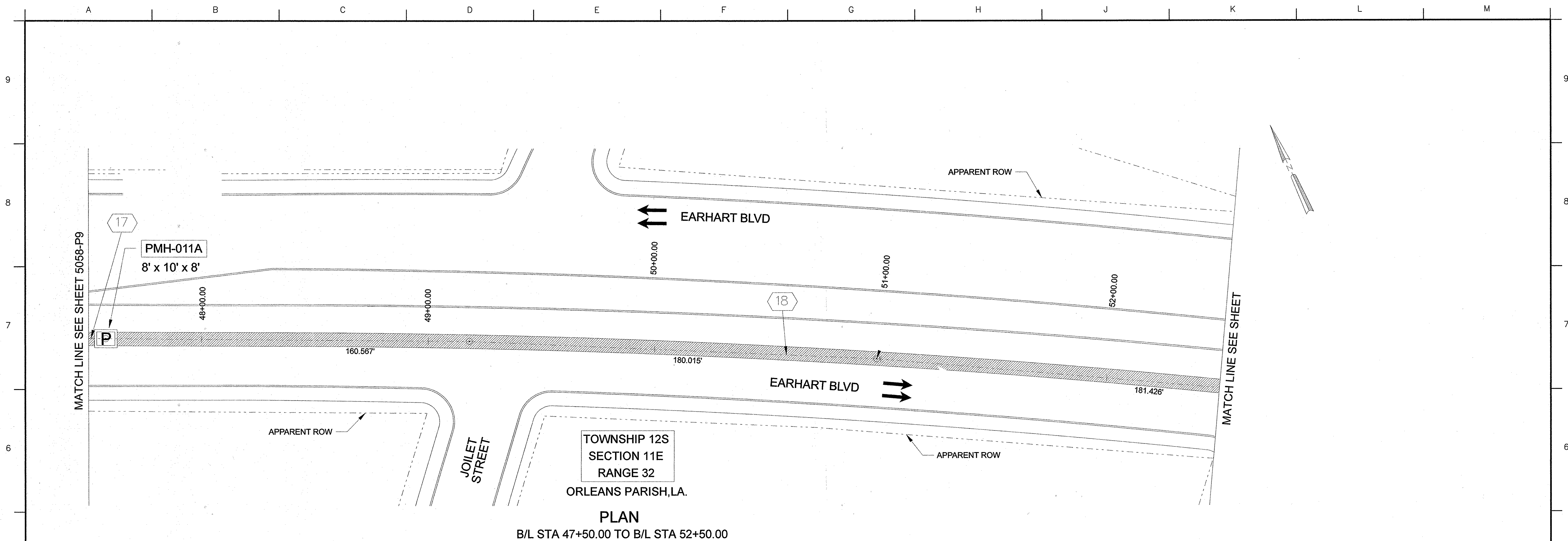
PLAN
B/L STA 42+50.00 TO B/L STA 47+50.00

- NOTES:
- EXISTING MANHOLE LOCATIONS AND S&WB ELECTRICAL DUCTBANK ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY.
 - SEE DRAWINGS 5058-P24 THRU 5058-P28 FOR DUCTBANK SCHEDULE.

0 10 20 40
SCALE: 1"=20'

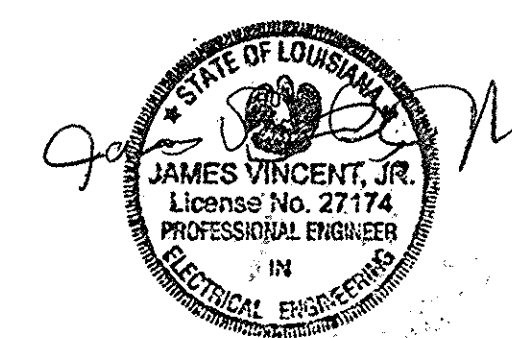




SEWERAGE AND WATER BOARD OF NEW ORLEANS			
INSTALLATION OF TWO 60-HERTZ FEEDERS FROM THE CARROLLTON WATER PLANT TO DRAINAGE PUMPING STATION 1			
CONTRACT 6248			
DR. THUYAN NGUYEN			
LAST EDIT: JULY 12, 2013			
CK.	GENERAL SUPERINTENDENT		
SCALE: AS SHOWN	DWG. No. 5058 - P9		
DATE: JAN. 29, 2013	SET NO.	SHEET NO.	10 OF 30



- NOTES:
1. EXISTING MANHOLE LOCATIONS AND S&WB ELECTRICAL DUCTBANK ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY.
 2. SEE DRAWINGS 5058-P24 THRU 5058-P28 FOR DUCTBANK SCHEDULE.

0 10 20 40
SCALE: 1"=20'



REV.	DATE	DESCRIPTION	BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
INSTALLATION OF TWO 60-HERTZ FEEDERS FROM THE CARROLLTON WATER PLANT TO DRAINAGE PUMPING STATION 1			
CONTRACT 6248			
DR. THUYAN NGUYEN		 GENERAL SUPERINTENDENT	
LAST EDIT: JULY 12, 2013			
CK.			
 SCALE AS SHOWN		DWG. No. 5058 - P10	
DATE: JAN. 29, 2013		SET NO.	SHEET NO. 11 OF 30

MATCH LINE SEE SHEET 5058-P10

← EARHART BLVD

PMH-012A
8' x 10' x 6'-6"

PMH-012C
8' x 10' x 6'

PMH-012B
8' x 10' x 6'-6"

TOWNSHIP 12S
SECTION 11E
RANGE 32
ORLEANS PARISH, LA.

PLAN

B/L STA 57+50.00 TO B/L STA 62+50.00

DUBLIN STREET
↓

→ EARHART BLVD

← EARHART BLVD

SOUTH CARROLLTON
↓

NORTH CARROLLTON
↑

PMH-012D
8' x 10' x 7'-6"

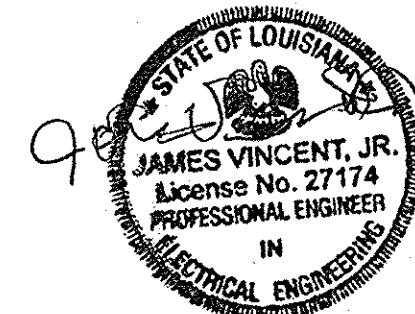
TOWNSHIP 12S
SECTION 11E
RANGE 39
ORLEANS PARISH, LA.


PLAN

B/L STA 62+50.00 TO B/L STA 67+50.00

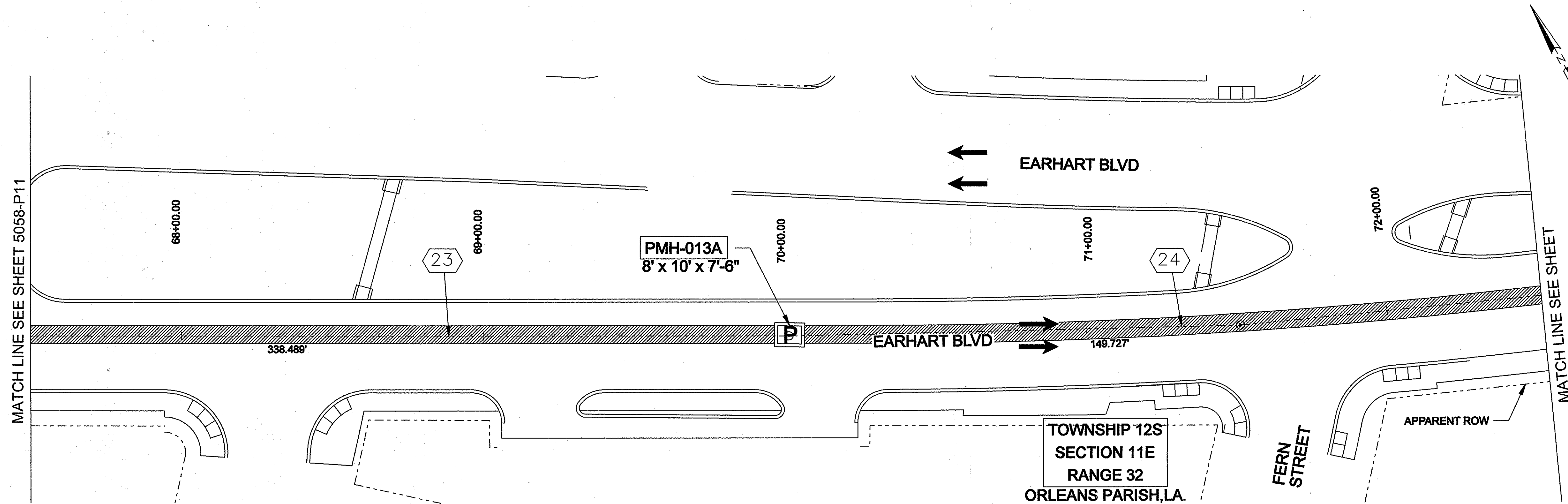
- NOTES:
1. EXISTING MANHOLE LOCATIONS AND S&WB ELECTRICAL DUCTBANK ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY.
 2. SEE DRAWINGS 5058-P24 THRU 5058-P28 FOR DUCTBANK SCHEDULE.

0 10 20 40
SCALE: 1"=20'



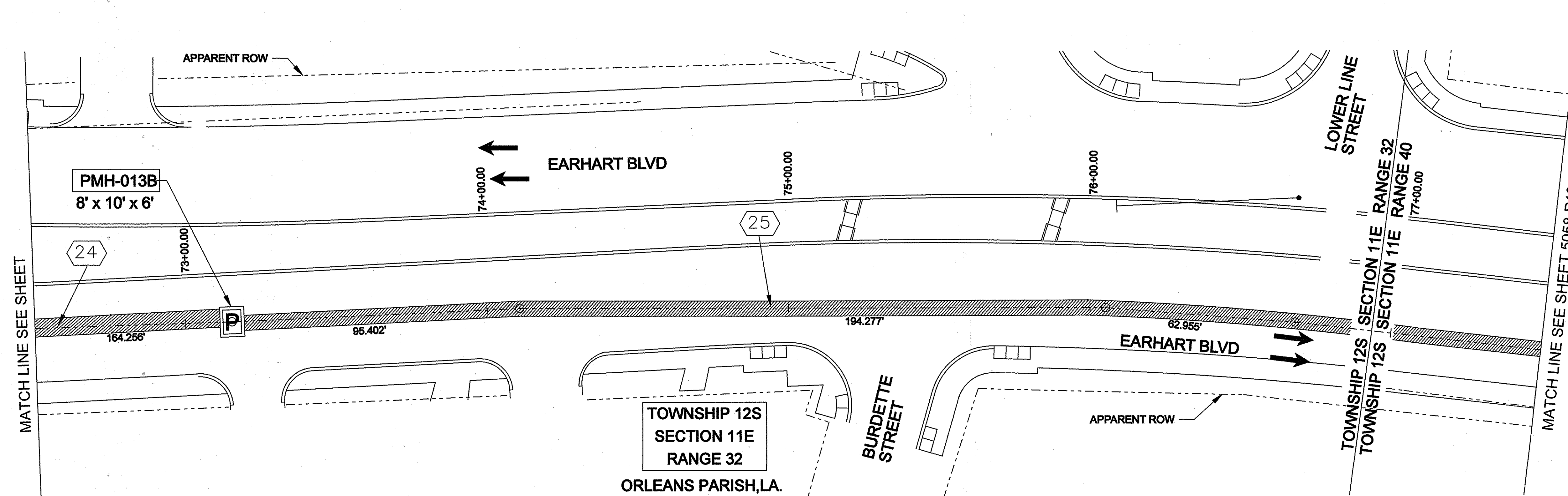
REV.	DATE	DESCRIPTION	BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
INSTALLATION OF TWO 60-HERTZ FEEDERS FROM THE CARROLLTON WATER PLANT TO DRAINAGE PUMPING STATION 1			
CONTRACT 6248			
DR. THUYAN NGUYEN LAST EDIT JULY 12, 2013 CK.		 GENERAL SUPERINTENDENT	
DWG. No. 5058 - P11		SHEET NO. 12 OF 30	
DATE JAN. 29, 2013 SET NO.			

MATCH LINE SEE SHEET 5058-P11



PLAN
B/L STA 67+50.00 TO B/L STA 72+50.00

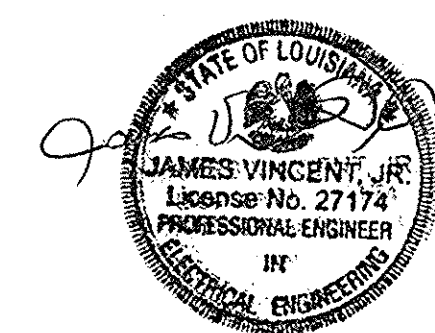
MATCH LINE SEE SHEET



PLAN
B/L STA 72+50.00 TO B/L STA 77+50.00

- NOTES:
1. EXISTING MANHOLE LOCATIONS AND S&WB ELECTRICAL DUCTBANK ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY.
 2. SEE DRAWINGS 5058-P24 THRU 5058-P28 FOR DUCTBANK SCHEDULE.

0 10 20 40
SCALE: 1"=20'



REV.	DATE	DESCRIPTION	BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
INSTALLATION OF TWO 60-HERTZ FEEDERS FROM THE CARROLLTON WATER PLANT TO DRAINAGE PUMPING STATION 1			
CONTRACT 6248			
DR. THUYAN NGUYEN			
LAST EDIT JULY 12, 2013			
CK.	DWG. No. 5058 - P12		
SCALE AS SHOWN			
DATE JAN. 29, 2013	SET NO.	SHEET NO.	13 OF 30

A B C D E F G H J K L M

9

8

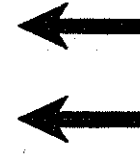
7

6

5

MATCH LINE SEE SHEET 5058-P12

78+00.00



EARHART BLVD

79+00.00

25

238.366'

PINE STREET

80+00.00

PMH-014A
8' x 10' x 7'-6"

81+00.00

26

82+00.00

APPARENT ROW

EARHART BLVD



APPARENT ROW

BROADWAY STREET

MATCH LINE SEE SHEET

ORLEANS PARISH, LA.

PLAN

B/L STA 77+50.00 TO B/L STA 82+50.00

4

3

2

MATCH LINE SEE SHEET

83+00.00

APPARENT ROW

EARHART BLVD

85+00.00

26

86+00.00

PMH-014B
8' x 10' x 7'-6"

87+00.00

27

MATCH LINE SEE SHEET 5058-P14

OLEANDER STREET

APPARENT ROW

TOWNSHIP 12S SECTION 11E RANGE 40

TOWNSHIP 12S SECTION 11E RANGE 25

EARHART BLVD

AUDUBON STREET

123.974'

TOWNSHIP 12S
SECTION 11E
RANGE 25
ORLEANS PARISH, LA.

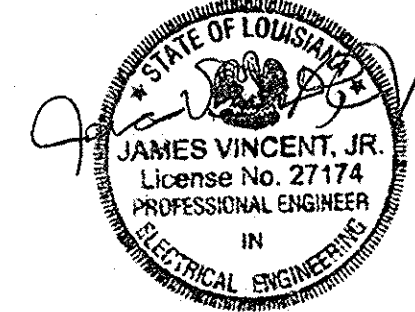
PLAN

B/L STA 82+50.00 TO B/L STA 87+50.00

NOTES:

1. EXISTING MANHOLE LOCATIONS AND S&WB ELECTRICAL DUCTBANK ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY.
2. SEE DRAWINGS 5058-P24 THRU 5058-P28 FOR DUCTBANK SCHEDULE.

0 10 20 40
SCALE: 1"=20'



REV.	DATE	DESCRIPTION	BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
INSTALLATION OF TWO 60-HERTZ FEEDERS FROM THE CARROLLTON WATER PLANT TO DRAINAGE PUMPING STATION 1			
CONTRACT 6248			
DR. THUYAN NGUYEN LAST EDIT: JULY 12, 2013		Joseph Balin GENERAL SUPERINTENDENT	
DWG. No. 5058 - P13		SHEET NO. 14 OF 30	

A B C D E F G H J K L M

1

1

A B C D E F G H J K L M

9

8

7

6

5

MATCH LINE SEE SHEET 5058-P13

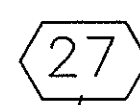
88+00.00



EARHART BLVD

89+00.00

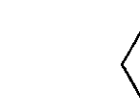
90+00.00



91+00.00

92+00.00

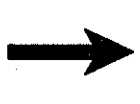
PMH-015A
8' x 10' x 6'



MATCH LINE SEE SHEET

424.869'

EARHART BLVD



133.151'

147.985'

APPARENT ROW

STATE STREET

PLAN

B/L STA 87+50.00 TO B/L STA 92+50.00

TOWNSHIP 12S
SECTION 11E
RANGE 25
ORLEANS PARISH, LA.

4

3

2

1

MATCH LINE SEE SHEET

93+00.00

APPARENT ROW

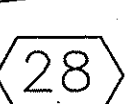
94+00.00

95+00.00



EARHART BLVD

96+00.00



97+00.00

MATCH LINE SEE SHEET 5058-P15

EARHART BLVD



140.570'

150.776'

115.788'

APPARENT ROW

MARTIN LUTHER KING JR. BLVD

PLAN

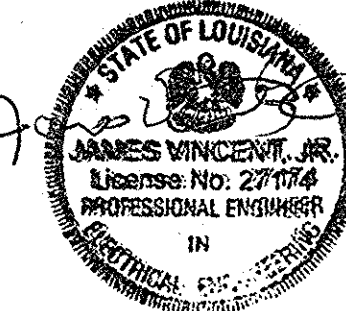
B/L STA 92+50.00 TO B/L STA 97+50.00

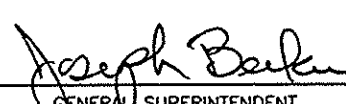
TOWNSHIP 12S
SECTION 11E
RANGE 25
ORLEANS PARISH, LA.

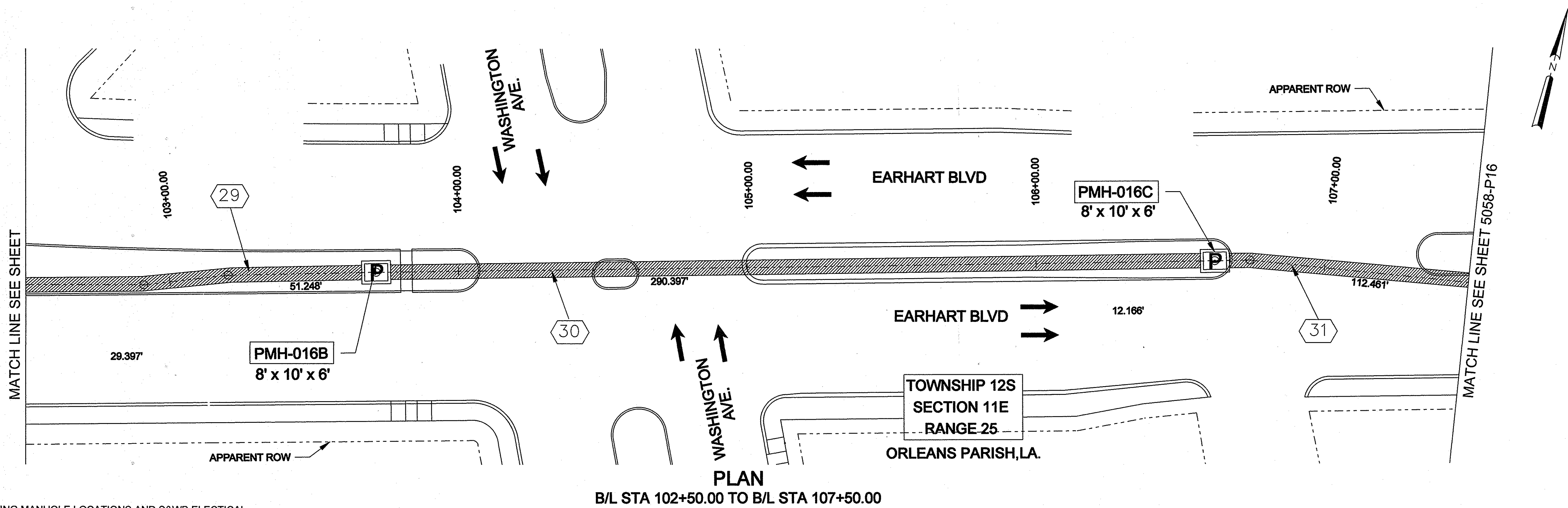
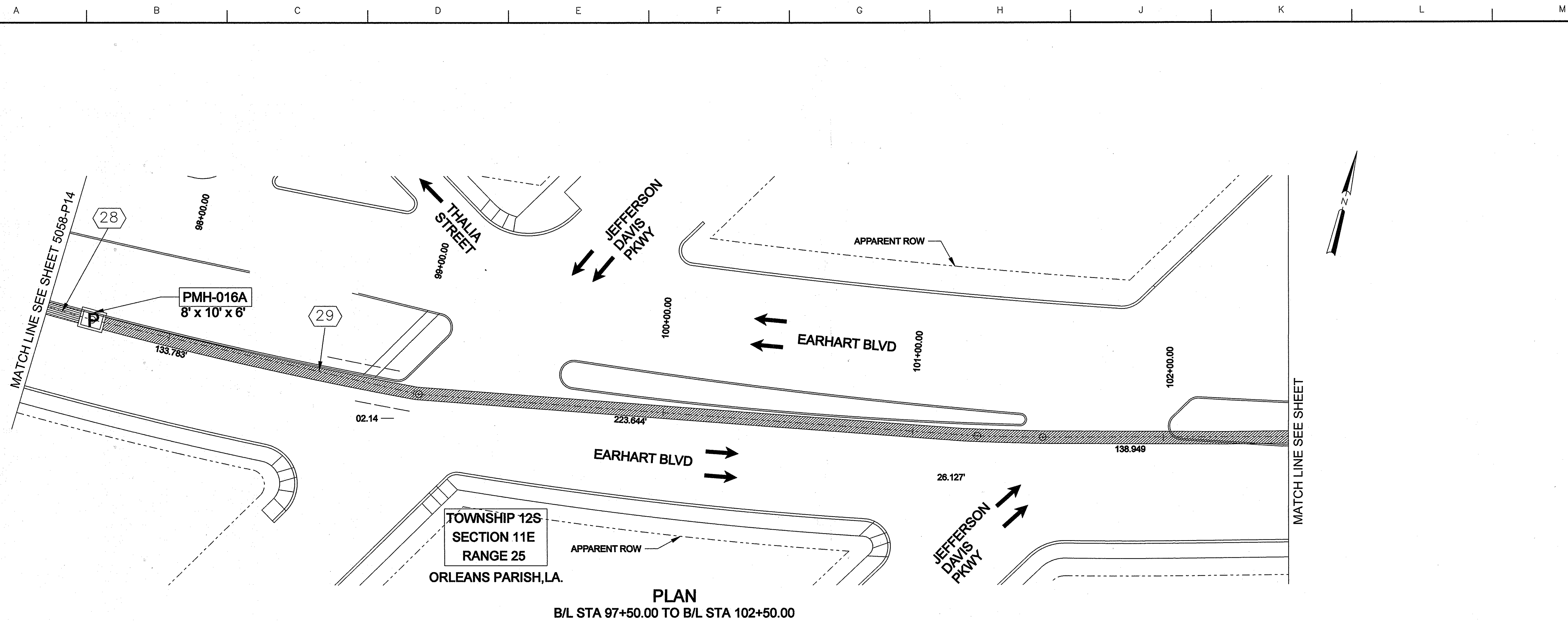
NOTES:

1. EXISTING MANHOLE LOCATIONS AND S&WB ELECTRICAL DUCTBANK ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY.
2. SEE DRAWINGS 5058-P24 THRU 5058-P28 FOR DUCTBANK SCHEDULE.

0 10 20 40
SCALE: 1"=20'

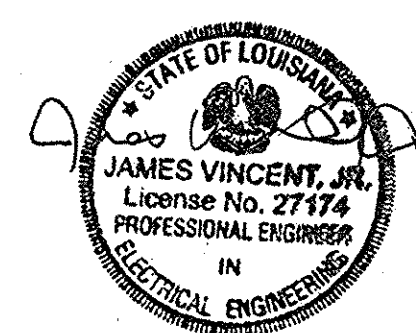


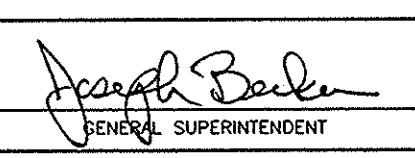
REV.	DATE	DESCRIPTION	BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
INSTALLATION OF TWO 60-HERTZ FEEDERS FROM THE CARROLLTON WATER PLANT TO DRAINAGE PUMPING STATION 1			
CONTRACT 6248			
DR. THUYAN NGUYEN			
LAST EDIT JULY 12, 2013			
CK.	GENERAL SUPERINTENDENT		
APPROVED	DWG. No. 5058 - P14		
SCALE AS SHOWN	DATE JAN. 29, 2013	SET NO.	SHEET NO. 15 OF 30

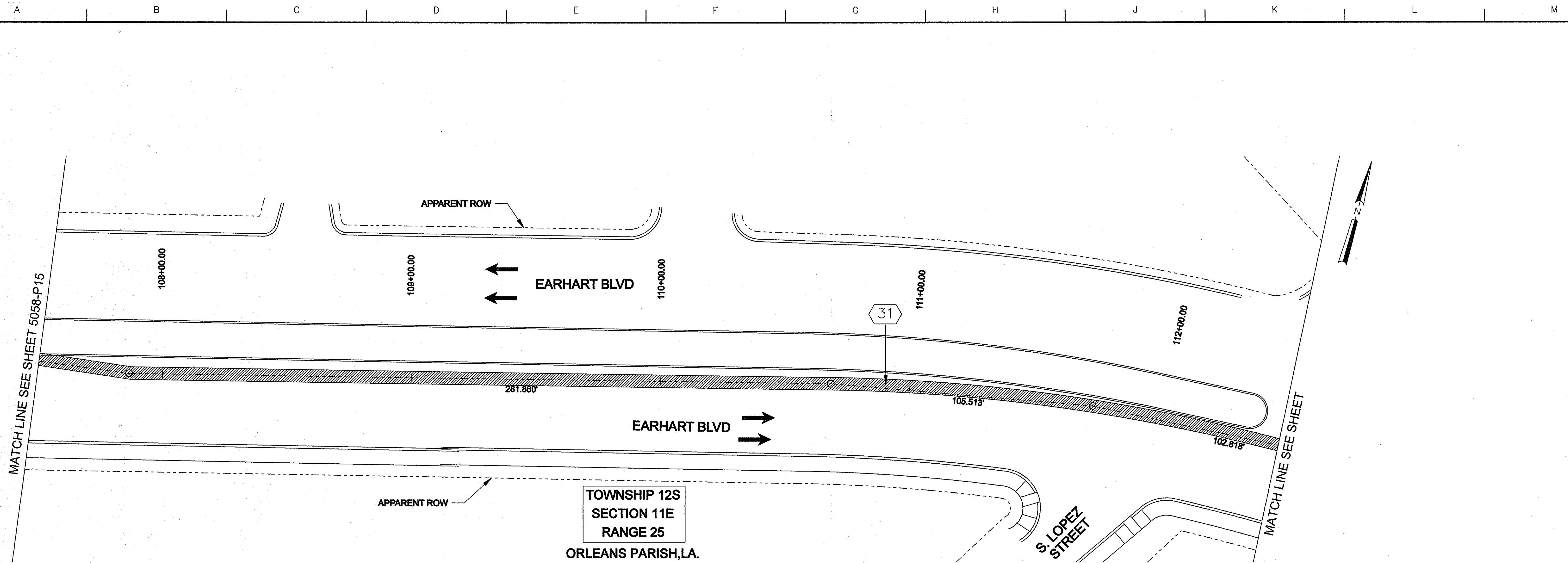


- NOTES:**
1. EXISTING MANHOLE LOCATIONS AND S&WB ELECTRICAL DUCTBANK ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY.
 2. SEE DRAWINGS 5058-P24 THRU 5058-P28 FOR DUCTBANK SCHEDULE.

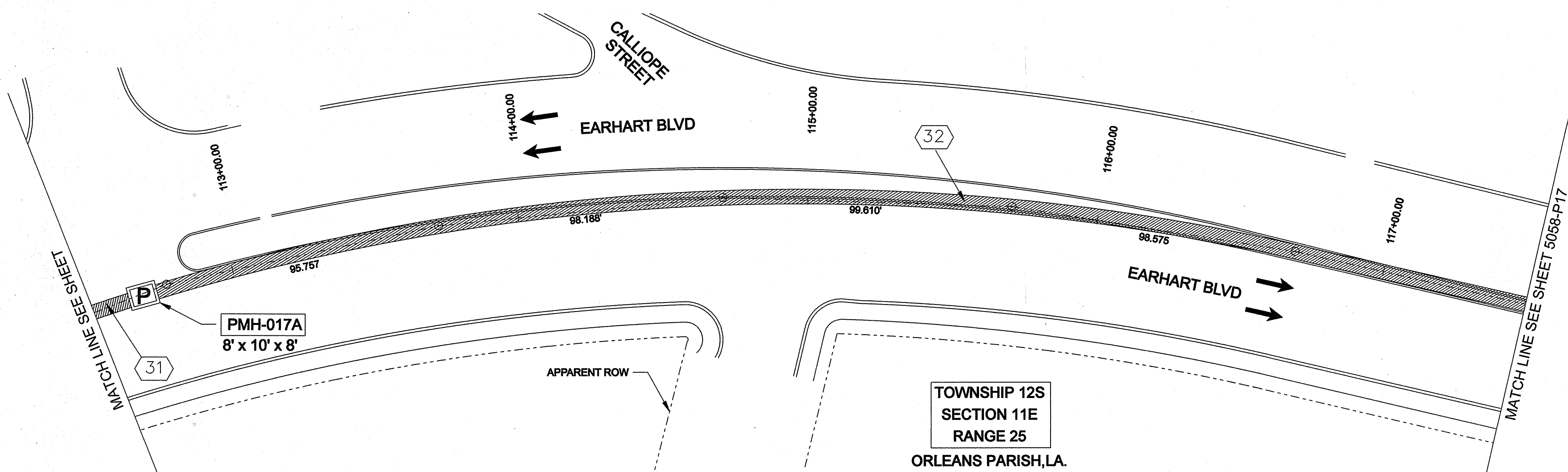
0 10 20 40
SCALE: 1"=20'



REV.	DATE	DESCRIPTION	BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
INSTALLATION OF TWO 60-HERTZ FEEDERS FROM THE CARROLLTON WATER PLANT TO DRAINAGE PUMPING STATION 1			
CONTRACT 6248			
DR. THUYAN NGUYEN	 GENERAL SUPERINTENDENT		
LAST EDIT JULY 12, 2013			
CK.			
SCALE AS SHOWN	DWG. No. 5058 - P15		
DATE JAN. 29, 2013	SET NO.	SHEET NO.	16 OF 30



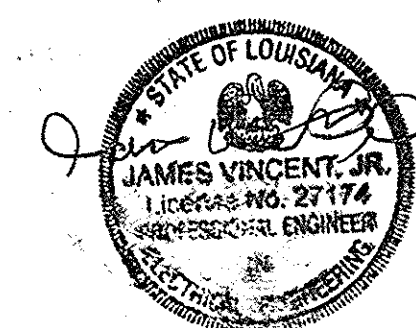
PLAN
B/L STA 107+50.00 TO B/L STA 112+50.00



PLAN
B/L STA 112+50.00 TO B/L STA 117+50.00

- NOTES:
1. EXISTING MANHOLE LOCATIONS AND S&WB ELECTRICAL DUCTBANK ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY.
 2. SEE DRAWINGS 5058-P24 THRU 5058-P28 FOR DUCTBANK SCHEDULE.

0 10 20 40
SCALE: 1"=20'



REV.	DATE	DESCRIPTION	BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
INSTALLATION OF TWO 60-HERTZ FEEDERS FROM THE CARROLLTON WATER PLANT TO DRAINAGE PUMPING STATION 1			
CONTRACT 6248			
DR. THUYAN NGUYEN		Joseph Balin	
LAST EDIT: JULY 12, 2013		GENERAL SUPERINTENDENT	
CK.		DWG. No. 5058 - P16	
SCALE: AS SHOWN		SET NO.	
DATE: JAN. 29, 2013		SHEET NO. 17 OF 30	

PMH-018A
8' x 10' x 7'

32

118+00.00
EARHART
BLVD

↑
↑
EARHART BLVD

MATCH LINE SEE SHEET 5058-P16

APPARENT ROW

33

661.597'

GAYOSO STREET

TOWNSHIP 12S
SECTION 11E
RANGE 25

ORLEANS PARISH, LA.

PLAN

B/L STA 117+50.00 TO B/L STA 122+50.00

MATCH LINE SEE SHEET

MATCH LINE SEE SHEET

GAYOSO STREET

APPARENT ROW

APPARENT ROW

33

PMH-018B
6' x 8' x 6'

ERATO
STREET

34

PMH-018C
6' x 8' x 6'

35

MATCH LINE SEE SHEET 5058-P18

TOWNSHIP 12S
SECTION 11E
RANGE 25

ORLEANS PARISH, LA.

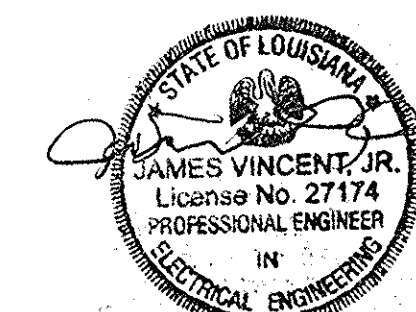
PLAN

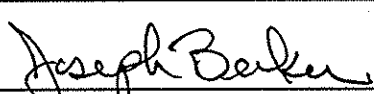
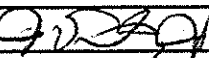
B/L STA 122+50.00 TO B/L STA 127+50.00

NOTES:

1. EXISTING MANHOLE LOCATIONS AND S&WB ELECTRICAL DUCTBANK ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY.
2. SEE DRAWINGS 5058-P24 THRU 5058-P28 FOR DUCTBANK SCHEDULE.

0 10 20 40
SCALE: 1"=20'



REV.	DATE	DESCRIPTION	BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
INSTALLATION OF TWO 60-HERTZ FEEDERS FROM THE CARROLLTON WATER PLANT TO DRAINAGE PUMPING STATION 1			
CONTRACT 6248			
DR. THUYAN NGUYEN		 GENERAL SUPERINTENDENT	
LAST EDIT JULY 12, 2013			
CK.			
AP. 		DWG. No. 5058 - P17	
SCALE AS SHOWN		SHEET NO. 18 OF 30	
DATE JAN. 29, 2013		SET NO.	

MATCH LINE SEE SHEET 5058-P17

GAYOSO STREET



128+00.00

35

PMH-019A
6' x 8' x 8'-6"

128+00.00

130+00.00

36

131+00.00

APPARENT ROW

DUPRE STREET

132+00.00

MATCH LINE SEE SHEET 5058-P19

THAILA STREET



23.295'

148.729'

10.983'

APPARENT ROW

498.949'

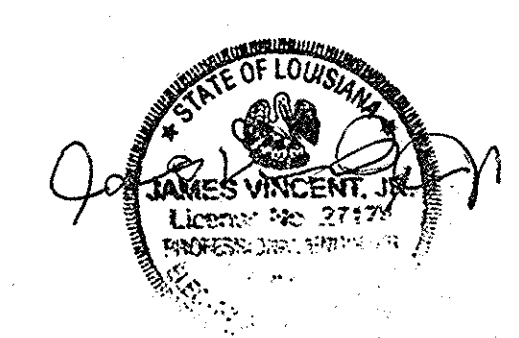
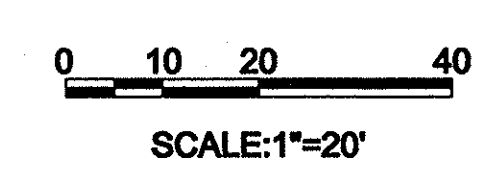
5.304'

TOWNSHIP 12S
SECTION 11E
RANGE 25

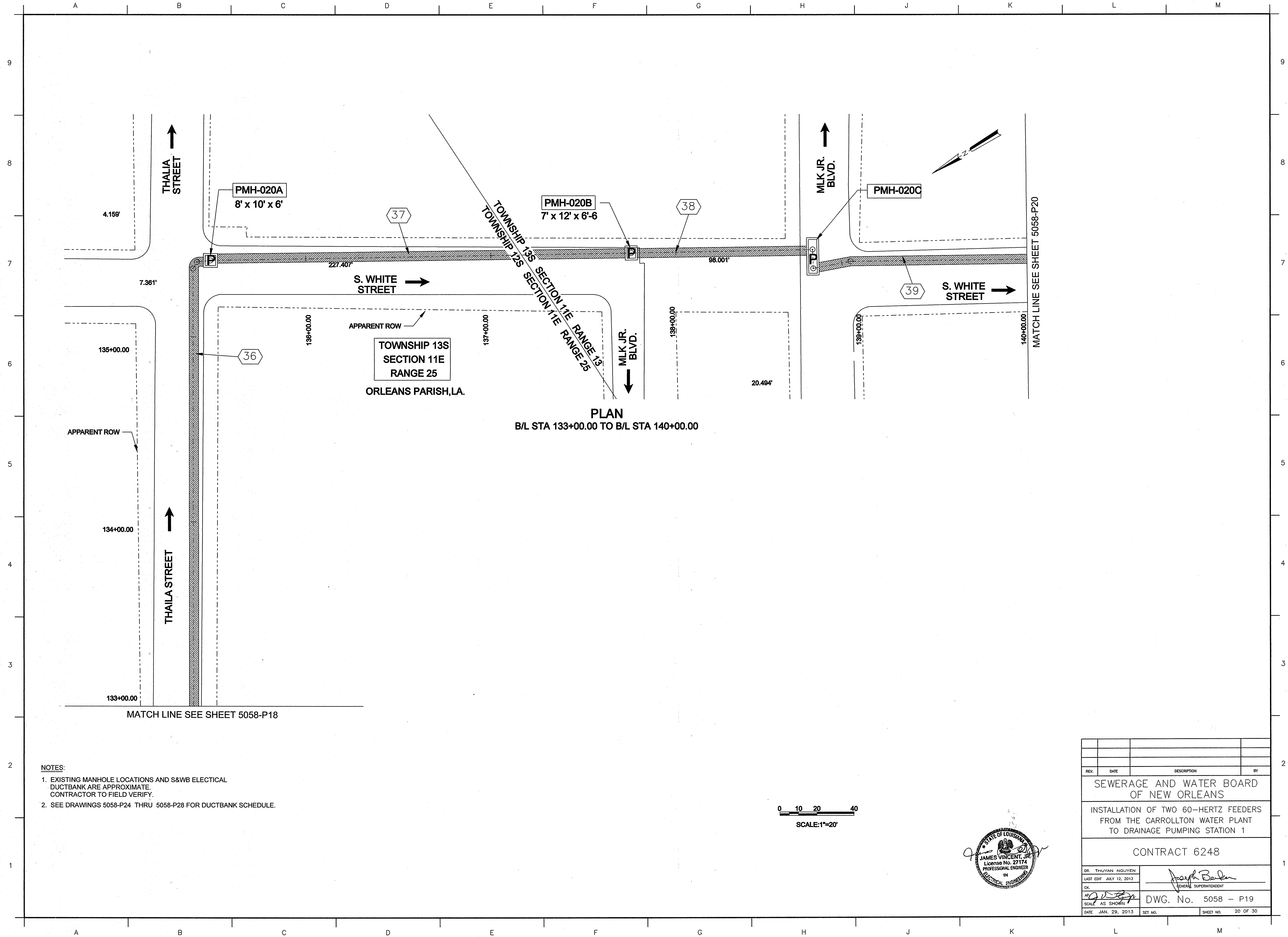
ORLEANS PARISH, LA.

PLAN
B/L STA 127+50.00 TO B/L STA 133+00.00

- NOTES:
1. EXISTING MANHOLE LOCATIONS AND S&WB ELECTRICAL DUCTBANK ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY.
 2. SEE DRAWINGS 5058-P24 THRU 5058-P28 FOR DUCTBANK SCHEDULE.

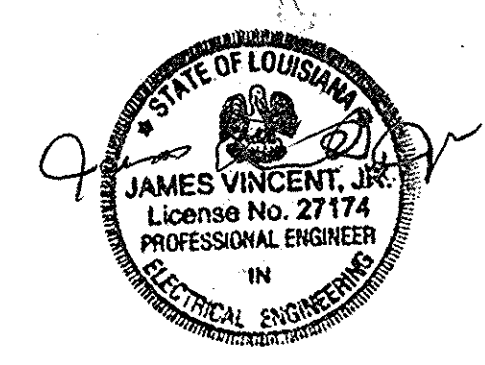
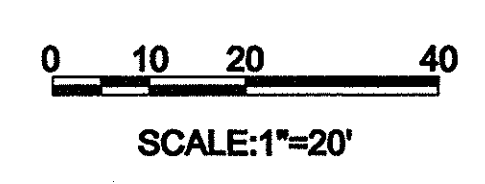


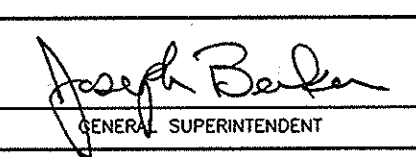
REV.	DATE	DESCRIPTION	BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
INSTALLATION OF TWO 60-HERTZ FEEDERS FROM THE CARROLLTON WATER PLANT TO DRAINAGE PUMPING STATION 1			
CONTRACT 6248			
DR. THUYAN NGUYEN LAST EDIT JULY 12, 2013		Joseph Bala GENERAL SUPERINTENDENT	
CK. [Signature]		DWG. No. 5058 - P18	
SCALE AS SHOWN DATE JAN. 29, 2013		SET NO. SHEET NO. 19 OF 30	

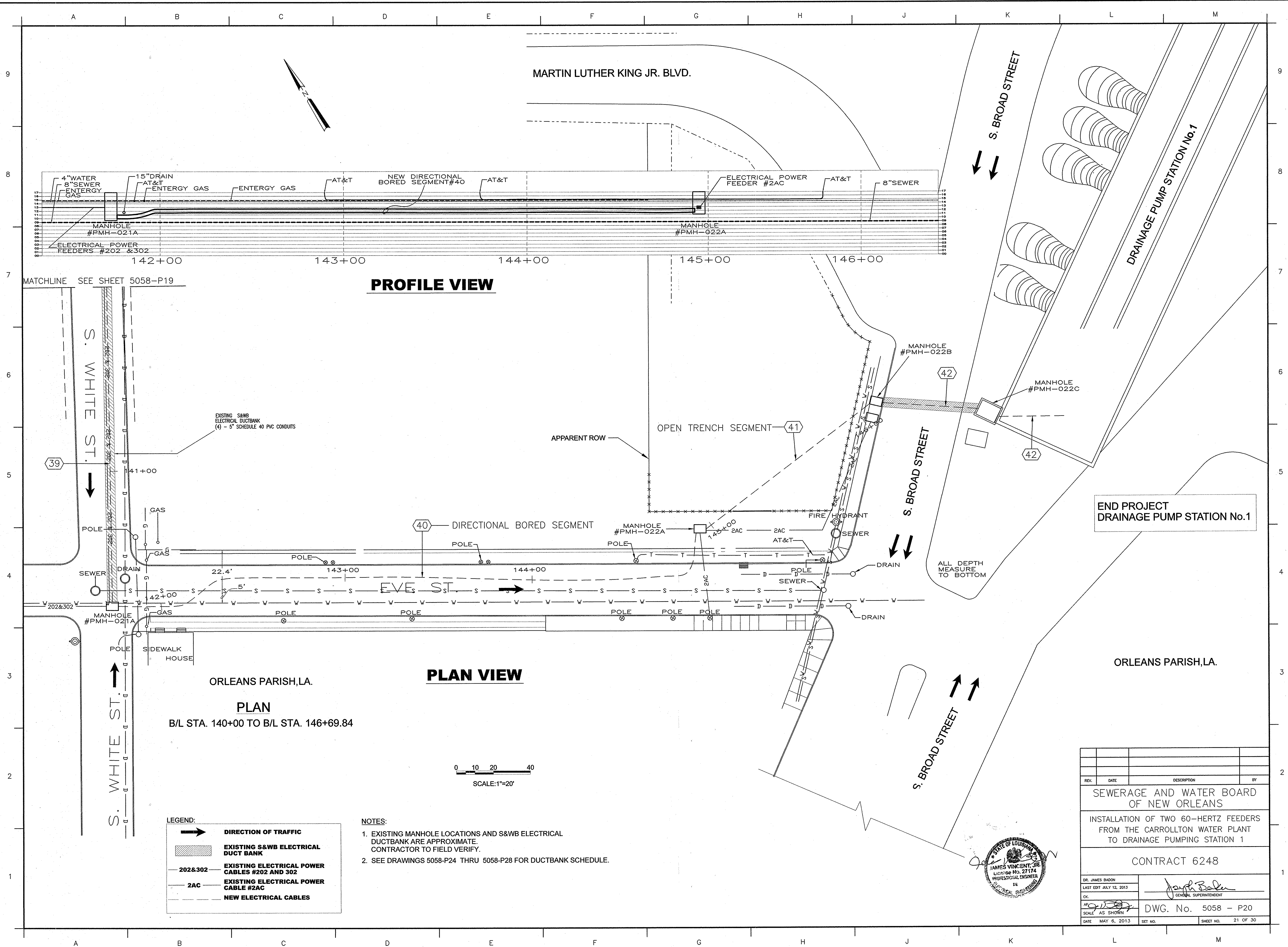


PLAN
B/L STA 133+00.00 TO B/L STA 140+00.00

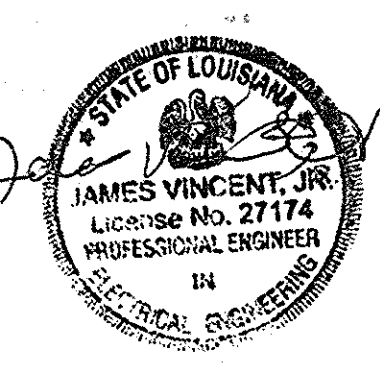
- NOTES:
- 1. EXISTING MANHOLE LOCATIONS AND S&WB ELECTRICAL DUCTBANK ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY.
 - 2. SEE DRAWINGS 5058-P24 THRU 5058-P28 FOR DUCTBANK SCHEDULE.

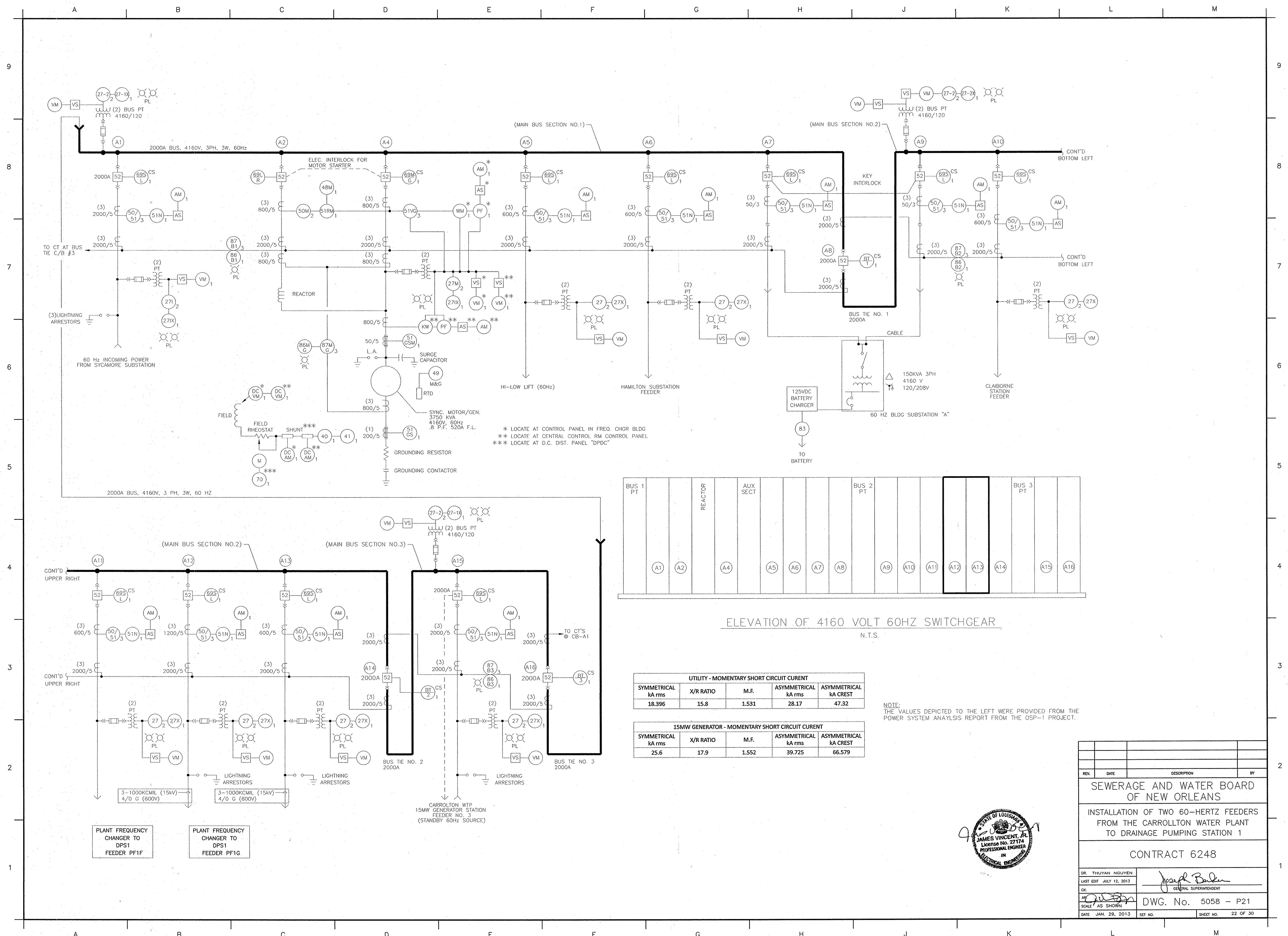


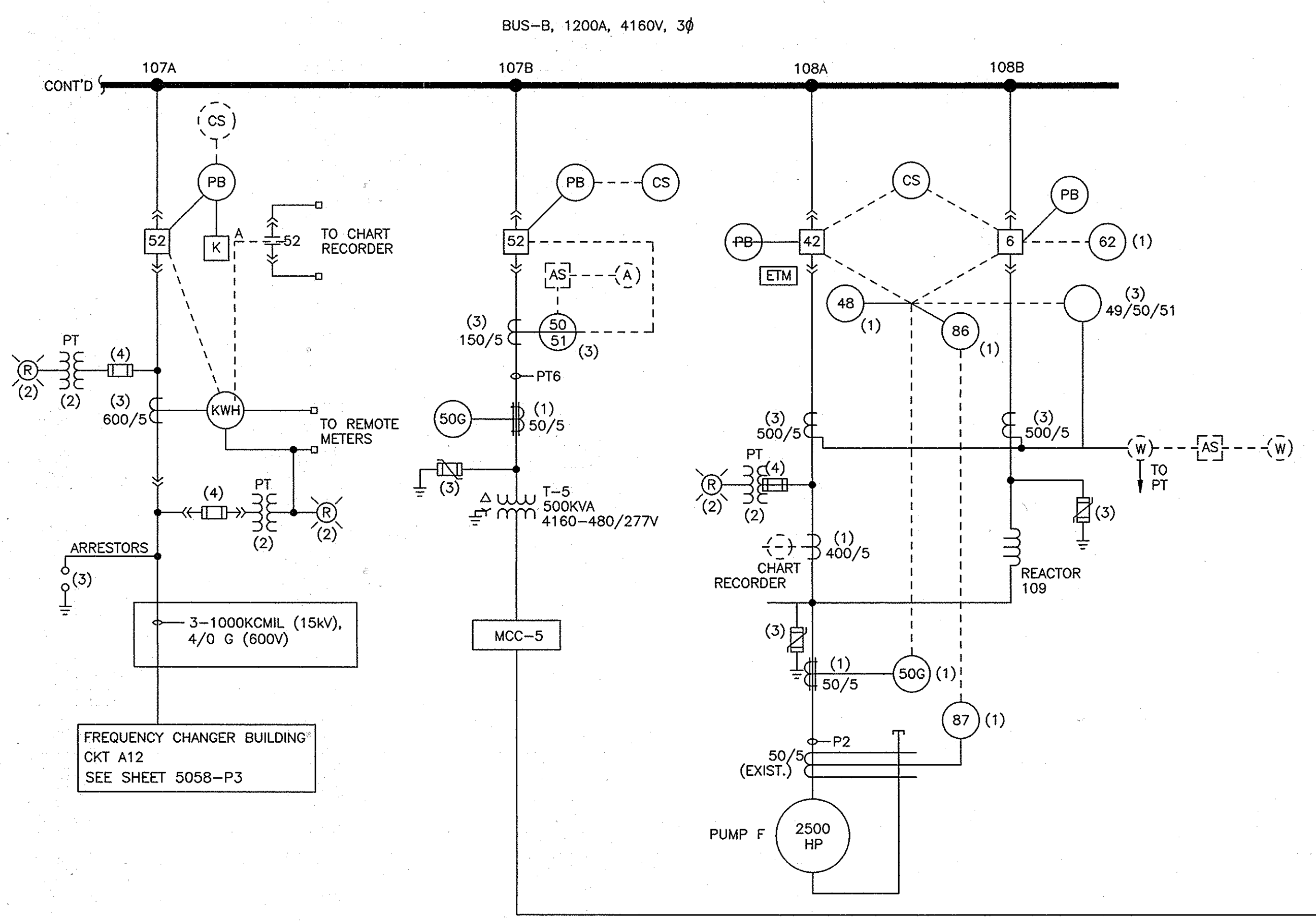
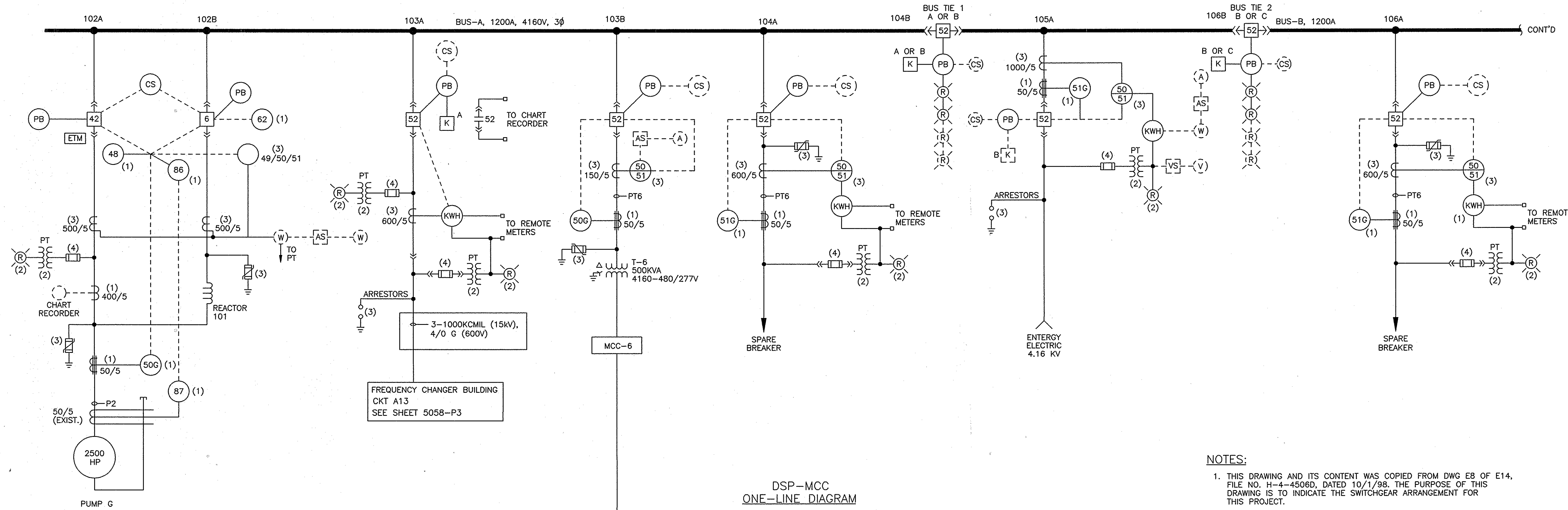
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
INSTALLATION OF TWO 60-HERTZ FEEDERS FROM THE CARROLLTON WATER PLANT TO DRAINAGE PUMPING STATION 1			
CONTRACT 6248			
DR. THUYAN NGUYEN			
LAST EDIT: JULY 12, 2013			
OK:			
SCALE: AS SHOWN	DWG. No. 5058 - P19		
DATE: JAN. 29, 2013	SET NO.	SHEET NO.	20 OF 30



REV.	DATE	DESCRIPTION	BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
INSTALLATION OF TWO 60-HERTZ FEEDERS FROM THE CARROLLTON WATER PLANT TO DRAINAGE PUMPING STATION 1			
CONTRACT 6248			
DR. JAMES BADOH LAST EDIT: JULY 12, 2013 CK: <i>[Signature]</i> SCALE: AS SHOWN DATE: MAY 6, 2013		<i>James Vincent, Jr.</i> GENERAL SUPERINTENDENT DWG. No. 5058 - P20 SHEET NO. 21 OF 30	

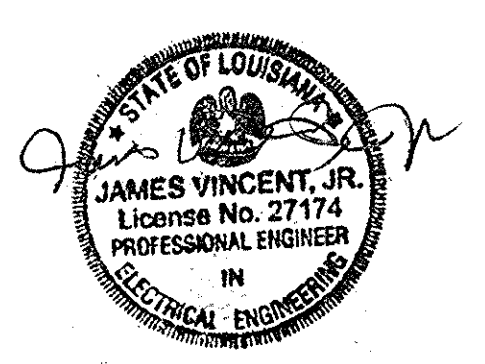






	PT	PT	PT	PT	PT	PT	PT
	102A	PF1G 103A	104A	105A	106A	PF1F 107A	108A
	102B	103B	104B	105B	106B	107B	108B

DPS-1 SWITCHGEAR FRONT ELEVATION
 N.T.S.



REV.	DATE	DESCRIPTION	BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
INSTALLATION OF TWO 60-HERTZ FEEDERS FROM THE CARROLLTON WATER PLANT TO DRAINAGE PUMPING STATION 1			
CONTRACT 6248			
DR. THUYAN NGUYEN	Joseph Bala		
LAST EDIT JULY 12, 2013	GENERAL SUPERINTENDENT		
CK.	DWG. No. 5058 - P22		
SCALE AS SHOWN	DATE JAN. 29, 2013	SHEET NO.	23 OF 30

FOR CONTINUATION SEE DRAWING E-004

2

PMH-004A

1aa 1bb 1cc 1dd 1ee 1ff 1gg
1hh 1ii 1jj

1a 1b 1c 1d 1e 1f 1g 1h 1i 1j
1k 1l

A1 A2 A4 A5 A6 A7 A8 A9 A10 A11 A12 A13 A14 A15 A16

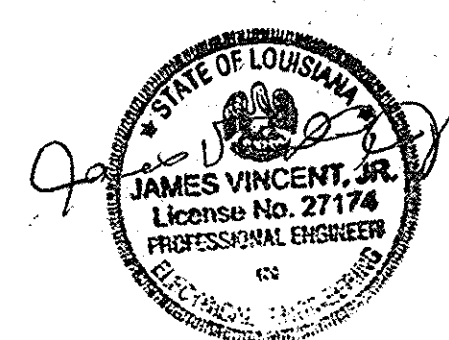
4160 VOLT, 60 Hz SWITCHGEAR (EXISTING)

STANDBY 60 Hz SOURCE
NOTE 1

ELECTRICAL PLAN
N.T.S.

NOTES:

1. SEE DRAWING E-101 FOR SWITCHGEAR ONE-LINE DIAGRAM AND ELEVATION.
2. SEE DRAWING E-301 FOR DUCTBANK SCHEDULE.



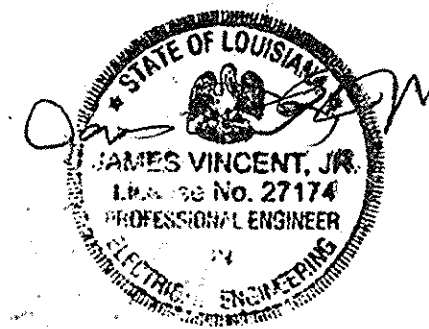
REV.	DATE	DESCRIPTION	BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
INSTALLATION OF TWO 60-HERTZ FEEDERS FROM THE CARROLLTON WATER PLANT TO DRAINAGE PUMPING STATION 1			
CONTRACT 6248			
DR. THUYAN NGUYEN			
LAST EDIT JULY 12, 2013			
CK.			
SCALE AS SHOWN	DWG. No. 5058 - P23		
DATE JAN. 29, 2013	SET NO.	SHEET NO.	24 OF 30

DUCTBANK SCHEDULE						
TAG	C.	CIRCUIT	FROM	TO	SIZE	DUCTBANK ARRANGEMENT
0	a	Claiborne Substation	FCB-A10	PMH-004A	EX-5"	TYPE 1
	b	Claiborne Substation	FCB-A10	PMH-004A	EX-5"	
	c	EMPTY	FCB-A11	PMH-004A	EX-5"	
	d	EMPTY	FCB-A11	PMH-004A	EX-5"	
	e	PF1F: 3-1000MCM(8KV), 4/0 G (600V)	FCB-A12	PMH-004A	EX-5"	
	f	EMPTY	FCB-A12	PMH-004A	EX-5"	
	g	PF1G: 3-1000MCM(8KV), 4/0 G (600V)	FCB-A13	PMH-004A	EX-5"	
	h	Carrollton F.C. #2	FCB-A13	PMH-004A	EX-5"	
	i	60 Hz Power House #3	FCB-A15	PMH-004A	EX-5"	
	j	60 Hz Power House #3	FCB-A15	PMH-004A	EX-5"	
	k	60 Hz Power House #3	FCB-A15	PMH-004A	EX-5"	
	l	60 Hz Power House #3	FCB-A15	PMH-004A	EX-5"	
	aa	60 Hz Sycamore Substation	FCB-A4	PMH-004A	EX-5"	TYPE 1A
	bb	60 Hz Sycamore Substation	FCB-A4	PMH-004A	EX-5"	
	cc	60 Hz Sycamore Substation	FCB-A4	PMH-004A	EX-5"	
	dd	Boiler Room	FCB-A5	PMH-004A	EX-5"	
	ee	Boiler Room	FCB-A5	PMH-004A	EX-5"	
	ff	Hamilton Substation	FCB-A6	PMH-004A	EX-5"	
	gg	Hamilton Substation	FCB-A6	PMH-004A	EX-5"	
	hh	60 Hz Sycamore Substation	FCB-A4	PMH-004A	EX-5"	
	ii	60 Hz Sycamore Substation	FCB-A4	PMH-004A	EX-5"	
	jj	60 Hz Sycamore Substation	FCB-A4	PMH-004A	EX-5"	
1&2	a	EMPTY	PMH-004A	PMH-004B	EX-5"	TYPE 6
	b	EMPTY	PMH-004A	PMH-004B	EX-5"	
	c	EMPTY	PMH-004A	PMH-004B	EX-5"	
	d	EMPTY	PMH-004A	PMH-004B	EX-5"	
	e	EMPTY	PMH-004A	PMH-004B	EX-5"	
	f	PF1F: 3-1000MCM(8KV), 4/0 G (600V)	FCB-004A	PMH-004B	EX-5"	
	g	EMPTY	PMH-004A	PMH-004B	EX-5"	
	h	PF1G: 3-1000MCM(8KV), 4/0 G (600V)	PMH-004A	PMH-004B	EX-5"	
3	a	EMPTY	PMH-004B	PMH-004C	EX-5"	TYPE 6
	b	EMPTY	PMH-004B	PMH-004C	EX-5"	
	c	EMPTY	PMH-004B	PMH-004C	EX-5"	
	d	EMPTY	PMH-004B	PMH-004C	EX-5"	
	e	CKT-216	PMH-004B	PMH-004C	EX-5"	
	f	PF1F: 3-1000MCM(8KV), 4/0 G (600V)	PMH-004B	PMH-004C	EX-5"	
	g	EMPTY	PMH-004B	PMH-004C	EX-5"	
	h	PF1G: 3-1000MCM(8KV), 4/0 G (600V)	PMH-004B	PMH-004C	EX-5"	
4	a	EMPTY	PMH-004C	PMH-005A	EX-5"	TYPE 4
	b	EMPTY	PMH-004C	PMH-005A	EX-5"	
	c	EMPTY	PMH-004C	PMH-005A	EX-5"	
	d	EMPTY	PMH-004C	PMH-005A	EX-5"	
	e	EMPTY	PMH-004C	PMH-005A	EX-5"	
	f	PF1F: 3-1000MCM(8KV), 4/0 G (600V)	PMH-004C	PMH-005A	EX-5"	
	g	EMPTY	PMH-004C	PMH-005A	EX-5"	
	h	EMPTY	PMH-004C	PMH-005A	EX-5"	
	i	EMPTY	PMH-004C	PMH-005A	EX-5"	
	j	EMPTY	PMH-004C	PMH-005A	EX-5"	
	k	CKT-217	PMH-004C	PMH-005A	EX-5"	
	l	EMPTY	PMH-004C	PMH-005A	EX-5"	
	m	PF1G: 3-1000MCM(8KV), 4/0 G (600V)	PMH-004C	PMH-005A	EX-5"	
	n	EMPTY	PMH-004C	PMH-005A	EX-5"	
	o	CKT-316	PMH-004C	PMH-005A	EX-5"	

DUCTBANK SCHEDULE						
TAG	C.	CIRCUIT	FROM	TO	SIZE	DUCTBANK ARRANGEMENT
5	a	EMPTY	PMH-005A	PMH-005B	EX-5"	TYPE-4
	b	EMPTY	PMH-005A	PMH-005B	EX-5"	
	c	EMPTY	PMH-005A	PMH-005B	EX-5"	
	d	EMPTY	PMH-005A	PMH-005B	EX-5"	
	e	EMPTY	PMH-005A	PMH-005B	EX-5"	
	f	PF1F: 3-1000MCM(8KV), 4/0 G (600V)	PMH-005A	PMH-005B	EX-5"	
	g	EMPTY	PMH-005A	PMH-005B	EX-5"	
	h	EMPTY	PMH-005A	PMH-005B	EX-5"	
	i	EMPTY	PMH-005A	PMH-005B	EX-5"	
	j	EMPTY	PMH-005A	PMH-005B	EX-5"	
	k	CKT-217	PMH-005A	PMH-005B	EX-5"	
	l	EMPTY	PMH-005A	PMH-005B	EX-5"	
	m	PF1G: 3-1000MCM(8KV), 4/0 G (600V)	PMH-005A	PMH-005B	EX-5"	
	n	EMPTY	PMH-005A	PMH-005B	EX-5"	
6	a	EMPTY	PMH-005B	PMH-006A	EX-5"	TYPE-4
	b	EMPTY	PMH-005B	PMH-006A	EX-5"	
	c	EMPTY	PMH-005B	PMH-006A	EX-5"	
	d	EMPTY	PMH-005B	PMH-006A	EX-5"	
	e	EMPTY	PMH-005B	PMH-006A	EX-5"	
	f	PF1F: 3-1000MCM(8KV), 4/0 G (600V)	PMH-005B	PMH-006A	EX-5"	
	g	EMPTY	PMH-005B	PMH-006A	EX-5"	
	h	EMPTY	PMH-005B	PMH-006A	EX-5"	
	i	EMPTY	PMH-005B	PMH-006A	EX-5"	
	j	EMPTY	PMH-005B	PMH-006A	EX-5"	
	k	CKT-216	PMH-005B	PMH-006A	EX-5"	
	l	EMPTY	PMH-005B	PMH-006A	EX-5"	
	m	PF1G: 3-1000MCM(8KV), 4/0 G (600V)	PMH-005B	PMH-006A	EX-5"	
	n	EMPTY	PMH-005B	PMH-006A	EX-5"	
7	a	EMPTY	PMH-006A	PMH-006B	EX-5"	TYPE-3
	b	EMPTY	PMH-006A	PMH-006B	EX-5"	
	c	EMPTY	PMH-006A	PMH-006B	EX-5"	
	d	EMPTY	PMH-006A	PMH-006B	EX-5"	
	e	EMPTY	PMH-006A	PMH-006B	EX-5"	
	f	EMPTY	PMH-006A	PMH-006B	EX-5"	
	g	EMPTY	PMH-006A	PMH-006B	EX-5"	
	h	EMPTY	PMH-006A	PMH-006B	EX-5"	
	i	EMPTY	PMH-006A	PMH-006B	EX-5"	
	j	PF1F: 3-1000MCM(8KV), 4/0 G (600V)	PMH-006A	PMH-006B	EX-5"	
	k	EMPTY	PMH-006A	PMH-006B	EX-5"	
	l	CKT-216	PMH-006A	PMH-006B	EX-5"	
	m	EMPTY	PMH-006A	PMH-006B	EX-5"	
	n	PF1G: 3-1000MCM(8KV), 4/0 G (600V)	PMH-006A	PMH-006B	EX-5"	
8	a	PF1F: 3-1000MCM(8KV), 4/0 G (600V)	PMH-006B	PMH-006C	EX-5"	TYPE-6A
	b	EMPTY	PMH-006B	PMH-006C	EX-5"	
	c	EMPTY	PMH-006B	PMH-006C	EX-5"	
	d	PF1F: 3-1000MCM(8KV), 4/0 G (600V)	PMH-006B	PMH-006C	EX-5"	
	e	EMPTY	PMH-006B	PMH-006C	EX-5"	
	f	EMPTY	PMH-006B	PMH-006C	EX-5"	
	g	EMPTY	PMH-006B	PMH-006C	EX-5"	
	h	CKT-316	PMH-006B	PMH-006C	EX-5"	

NOTES:

1. SEE DRAWING E-COLLECTOR ARRANGEMENT.



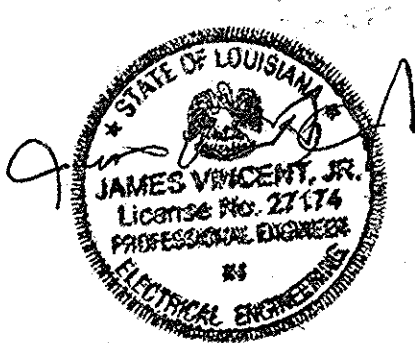
DESCRIPTION		BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS		
INSTALLATION OF TWO 60-HERTZ FEEDERS FROM THE CARROLLTON WATER PLANT TO DRAINAGE PUMPING STATION 1		
DUCTBANK SCHEDULE CONTRACT 6248		
DR. JAMES BADON LAST EDIT JULY 12, 2013		
OK	GENERAL SUPERINTENDENT	
MR. J. V. Babin	DWG. No. 5058 - P24	
SCALE AS SHOWN	DATE JAN. 29, 2013	SHEET NO. 25 OF 30

DUCTBANK SCHEDULE						
TAG	C	CIRCUIT	FROM	TO	SIZE	DUCTBANK ARRANGEMENT
9	a	EMPTY	PMH-006C	PMH-007A	EX-5"	TYPE 4
	b	EMPTY	PMH-006C	PMH-007A	EX-5"	
	c	EMPTY	PMH-006C	PMH-007A	EX-5"	
	d	EMPTY	PMH-006C	PMH-007A	EX-5"	
	e	EMPTY	PMH-006C	PMH-007A	EX-5"	
	f	EMPTY	PMH-006C	PMH-007A	EX-5"	
	g	EMPTY	PMH-006C	PMH-007A	EX-5"	
	h	EMPTY	PMH-006C	PMH-007A	EX-5"	
	i	EMPTY	PMH-006C	PMH-007A	EX-5"	
	j	EMPTY	PMH-006C	PMH-007A	EX-5"	
	k	PF1F: 3-1000MCM(8KV), 4/0 G (600V)	PMH-006C	PMH-007A	EX-5"	
	l	EMPTY	PMH-006C	PMH-007A	EX-5"	
	m	PF1G: 3-1000MCM(8KV), 4/0 G (600V)	PMH-006C	PMH-007A	EX-5"	
	n	EMPTY	PMH-006C	PMH-007A	EX-5"	
10	o	CKT-316	PMH-006C	PMH-007A	EX-5"	TYPE 3
	a	CAPPED	PMH-007A	PMH-007B	EX-5"	
	b	CAPPED	PMH-007A	PMH-007B	EX-5"	
	c	CAPPED	PMH-007A	PMH-007B	EX-5"	
	d	CAPPED	PMH-007A	PMH-007B	EX-5"	
	e	CAPPED	PMH-007A	PMH-007B	EX-5"	
	f	CAPPED	PMH-007A	PMH-007B	EX-5"	
	g	CAPPED	PMH-007A	PMH-007B	EX-5"	
	h	CAPPED	PMH-007A	PMH-007B	EX-5"	
	i	CAPPED	PMH-007A	PMH-007B	EX-5"	
	j	PF1F: 3-1000MCM(8KV), 4/0 G (600V)	PMH-007A	PMH-007B	EX-5"	
	k	CAPPED	PMH-007A	PMH-007B	EX-5"	
	l	CKT-216	PMH-007A	PMH-007B	EX-5"	
	m	EMPTY	PMH-007A	PMH-007B	EX-5"	
11	n	PF1G: 3-1000MCM(8KV), 4/0 G (600V)	PMH-007A	PMH-007B	EX-5"	TYPE 4
	o	EMPTY	PMH-007A	PMH-007B	EX-5"	
	p	CKT-316	PMH-007A	PMH-007B	EX-5"	
	a	EMPTY	PMH-007B	PMH-007C	EX-5"	
	b	EMPTY	PMH-007B	PMH-007C	EX-5"	
	c	EMPTY	PMH-007B	PMH-007C	EX-5"	
	d	EMPTY	PMH-007B	PMH-007C	EX-5"	
	e	EMPTY	PMH-007B	PMH-007C	EX-5"	
	f	EMPTY	PMH-007B	PMH-007C	EX-5"	
	g	PF1F: 3-1000MCM(8KV), 4/0 G (600V)	PMH-007B	PMH-007C	EX-5"	
	h	EMPTY	PMH-007B	PMH-007C	EX-5"	
	i	EMPTY	PMH-007B	PMH-007C	EX-5"	
	j	EMPTY	PMH-007B	PMH-007C	EX-5"	
	k	CKT-217	PMH-007B	PMH-007C	EX-5"	
	l	EMPTY	PMH-007B	PMH-007C	EX-5"	
	m	PF1G: 3-1000MCM(8KV), 4/0 G (600V)	PMH-007B	PMH-007C	EX-5"	
	n	EMPTY	PMH-007B	PMH-007C	EX-5"	
	o	CKT-318	PMH-007B	PMH-007C	EX-5"	

DUCTBANK SCHEDULE						
TAG	C	CIRCUIT	FROM	TO	SIZE	DUCTBANK ARRANGEMENT
12	a	EMPTY	PMH-007C	PMH-008A	EX-5"	TYPE-4
	b	EMPTY	PMH-007C	PMH-008A	EX-5"	
	c	EMPTY	PMH-007C	PMH-008A	EX-5"	
	d	EMPTY	PMH-007C	PMH-008A	EX-5"	
	e	EMPTY	PMH-007C	PMH-008A	EX-5"	
	f	EMPTY	PMH-007C	PMH-008A	EX-5"	
	g	PF1F: 3-1000MCM(8KV), 4/0 G (600V)	PMH-007C	PMH-008A	EX-5"	
	h	EMPTY	PMH-007C	PMH-008A	EX-5"	
	i	EMPTY	PMH-007C	PMH-008A	EX-5"	
	j	EMPTY	PMH-007C	PMH-008A	EX-5"	
	k	CKT-217	PMH-007C	PMH-008A	EX-5"	
	l	EMPTY	PMH-007C	PMH-008A	EX-5"	
	m	PF1G: 3-1000MCM(8KV), 4/0 G (600V)	PMH-007C	PMH-008A	EX-5"	
	n	EMPTY	PMH-007C	PMH-008A	EX-5"	
13	o	CKT-316	PMH-007C	PMH-008A	EX-5"	TYPE-4
	a	EMPTY	PMH-008A	PMH-008B	EX-5"	
	b	EMPTY	PMH-008A	PMH-008B	EX-5"	
	c	EMPTY	PMH-008A	PMH-008B	EX-5"	
	d	EMPTY	PMH-008A	PMH-008B	EX-5"	
	e	EMPTY	PMH-008A	PMH-008B	EX-5"	
	f	EMPTY	PMH-008A	PMH-008B	EX-5"	
	g	PF1F: 3-1000MCM(8KV), 4/0 G (600V)	PMH-008A	PMH-008B	EX-5"	
	h	EMPTY	PMH-008A	PMH-008B	EX-5"	
	i	EMPTY	PMH-008A	PMH-008B	EX-5"	
	j	EMPTY	PMH-008A	PMH-008B	EX-5"	
	k	CKT-217	PMH-008A	PMH-008B	EX-5"	
	l	EMPTY	PMH-008A	PMH-008B	EX-5"	
	m	PF1G: 3-1000MCM(8KV), 4/0 G (600V)	PMH-008A	PMH-008B	EX-5"	
14	n	EMPTY	PMH-008A	PMH-008B	EX-5"	TYPE-5
	o	CKT-316	PMH-008A	PMH-008B	EX-5"	
	a	EMPTY	PMH-008B	PMH-009A	EX-5"	
	b	EMPTY	PMH-008B	PMH-009A	EX-5"	
	c	EMPTY	PMH-008B	PMH-009A	EX-5"	
	d	EMPTY	PMH-008B	PMH-009A	EX-5"	
	e	EMPTY	PMH-008B	PMH-009A	EX-5"	
	f	EMPTY	PMH-008B	PMH-009A	EX-5"	
	g	EMPTY	PMH-008B	PMH-009A	EX-5"	
	h	EMPTY	PMH-008B	PMH-009A	EX-5"	
	i	PF1F: 3-1000MCM(8KV), 4/0 G (600V)	PMH-008B	PMH-009A	EX-5"	
	j	EMPTY	PMH-008B	PMH-009A	EX-5"	
	k	EMPTY	PMH-008B	PMH-009A	EX-5"	
	l	PF1G: 3-1000MCM(8KV), 4/0 G (600V)	PMH-008B	PMH-009A	EX-5"	
15	a	EMPTY	PMH-009A	PMH-010A	EX-5"	TYPE-5
	b	EMPTY	PMH-009A	PMH-010A	EX-5"	
	c	EMPTY	PMH-009A	PMH-010A	EX-5"	
	d	EMPTY	PMH-009A	PMH-010A	EX-5"	
	e	EMPTY	PMH-009A	PMH-010A	EX-5"	
	f	EMPTY	PMH-009A	PMH-010A	EX-5"	
	g	EMPTY	PMH-009A	PMH-010A	EX-5"	
	h	EMPTY	PMH-009A	PMH-010A	EX-5"	
	i	PF1F: 3-1000MCM(8KV), 4/0 G (600V)	PMH-009A	PMH-010A	EX-5"	
	j	EMPTY	PMH-009A	PMH-010A	EX-5"	
	k	EMPTY	PMH-009A	PMH-010A	EX-5"	
	l	PF1G: 3-1000MCM(8KV), 4/0 G (600V)	PMH-009A	PMH-010A	EX-5"	
	a	EMPTY	PMH-009A	PMH-010A	EX-5"	
	b	EMPTY	PMH-009A	PMH-010A	EX-5"	

NOTES:
1. SEE DRAWING E-003
ARRANGEMENT.

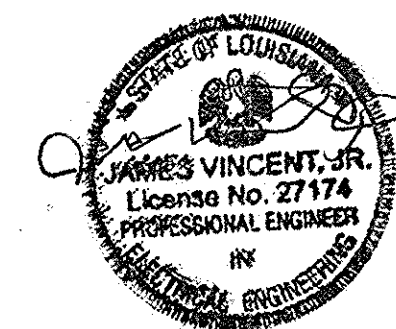
FOR



SEWERAGE AND WATER BOARD OF NEW ORLEANS	
INSTALLATION OF TWO 60-HERTZ FEEDERS FROM THE CARROLLTON WATER PLANT TO DRAINAGE PUMPING STATION 1	
DUCTBANK SCHEDULE CONTRACT 6248	
DR. JAMES BADON LAST EDIT JULY 12, 2013	Joseph Badon GENERAL SUPERINTENDENT
SCALE AS SHOWN	DWG. No. 5058 - P25
DATE JAN. 29, 2013	SHEET NO. 26 OF 30

DUCTBANK SCHEDULE						
TAG	C.	CIRCUIT	FROM	TO	SIZE	DUCTBANK ARRANGEMENT
16	a	EMPTY	PMH-010A	PMH-010B	EX-5"	TYPE 5
	b	EMPTY	PMH-010A	PMH-010B	EX-5"	
	c	EMPTY	PMH-010A	PMH-010B	EX-5"	
	d	EMPTY	PMH-010A	PMH-010B	EX-5"	
	e	EMPTY	PMH-010A	PMH-010B	EX-5"	
	f	EMPTY	PMH-010A	PMH-010B	EX-5"	
	g	EMPTY	PMH-010A	PMH-010B	EX-5"	
	h	EMPTY	PMH-010A	PMH-010B	EX-5"	
	i	PF1F: 3-1000MCM(8KV), 4/0 G (600V)	PMH-010A	PMH-010B	EX-5"	
	j	EMPTY	PMH-010A	PMH-010B	EX-5"	
17	k	EMPTY	PMH-010A	PMH-010B	EX-5"	TYPE 5
	l	PF1G: 3-1000MCM(8KV), 4/0 G (600V)	PMH-010A	PMH-010B	EX-5"	
	a	EMPTY	PMH-010B	PMH-011A	EX-5"	
	b	EMPTY	PMH-010B	PMH-011A	EX-5"	
	c	EMPTY	PMH-010B	PMH-011A	EX-5"	
	d	EMPTY	PMH-010B	PMH-011A	EX-5"	
	e	EMPTY	PMH-010B	PMH-011A	EX-5"	
	f	EMPTY	PMH-010B	PMH-011A	EX-5"	
	g	EMPTY	PMH-010B	PMH-011A	EX-5"	
	h	EMPTY	PMH-010B	PMH-011A	EX-5"	
18	i	PF1F: 3-1000MCM(8KV), 4/0 G (600V)	PMH-010B	PMH-011A	EX-5"	TYPE 5
	j	EMPTY	PMH-010B	PMH-011A	EX-5"	
	k	EMPTY	PMH-010B	PMH-011A	EX-5"	
	l	PF1G: 3-1000MCM(8KV), 4/0 G (600V)	PMH-010B	PMH-011A	EX-5"	
	a	EMPTY	PMH-011A	PMH-011B	EX-5"	
	b	EMPTY	PMH-011A	PMH-011B	EX-5"	
	c	EMPTY	PMH-011A	PMH-011B	EX-5"	
	d	EMPTY	PMH-011A	PMH-011B	EX-5"	
	e	EMPTY	PMH-011A	PMH-011B	EX-5"	
	f	EMPTY	PMH-011A	PMH-011B	EX-5"	
19	g	EMPTY	PMH-011A	PMH-011B	EX-5"	TYPE 5
	h	EMPTY	PMH-011A	PMH-011B	EX-5"	
	i	PF1F: 3-1000MCM(8KV), 4/0 G (600V)	PMH-011A	PMH-011B	EX-5"	
	j	EMPTY	PMH-011A	PMH-011B	EX-5"	
	k	EMPTY	PMH-011A	PMH-011B	EX-5"	
	l	PF1G: 3-1000MCM(8KV), 4/0 G (600V)	PMH-011A	PMH-011B	EX-5"	
	a	EMPTY	PMH-011B	PMH-012A	EX-5"	
	b	EMPTY	PMH-011B	PMH-012A	EX-5"	
	c	EMPTY	PMH-011B	PMH-012A	EX-5"	
	d	EMPTY	PMH-011B	PMH-012A	EX-5"	
	e	EMPTY	PMH-011B	PMH-012A	EX-5"	TYPE 5
	f	EMPTY	PMH-011B	PMH-012A	EX-5"	
	g	EMPTY	PMH-011B	PMH-012A	EX-5"	
	h	EMPTY	PMH-011B	PMH-012A	EX-5"	
	i	PF1F: 3-1000MCM(8KV), 4/0 G (600V)	PMH-011B	PMH-012A	EX-5"	
	j	EMPTY	PMH-011B	PMH-012A	EX-5"	
	k	EMPTY	PMH-011B	PMH-012A	EX-5"	
	l	PF1G: 3-1000MCM(8KV), 4/0 G (600V)	PMH-011A	PMH-012A	EX-5"	

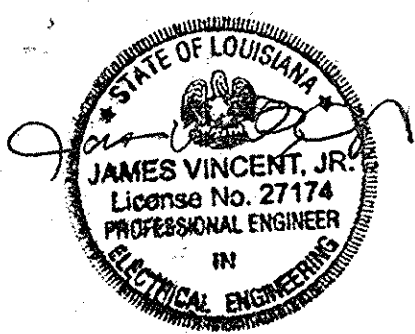
DUCTBANK SCHEDULE						
TAG	C.	CIRCUIT	FROM	TO	SIZE	DUCTBANK ARRANGEMENT
20	a	EMPTY	PMH-012A	PMH-012B	EX-5"	TYPE 5
	b	EMPTY	PMH-012A	PMH-012B	EX-5"	
	c	EMPTY	PMH-012A	PMH-012B	EX-5"	
	d	EMPTY	PMH-012A	PMH-012B	EX-5"	
	e	EMPTY	PMH-012A	PMH-012B	EX-5"	
	f	EMPTY	PMH-012A	PMH-012B	EX-5"	
	g	EMPTY	PMH-012A	PMH-012B	EX-5"	
	h	EMPTY	PMH-012A	PMH-012B	EX-5"	
	i	PF1F: 3-1000MCM(8KV), 4/0 G (600V)	PMH-012A	PMH-012B	EX-5"	
	j	EMPTY	PMH-012A	PMH-012B	EX-5"	
21	k	EMPTY	PMH-012A	PMH-012B	EX-5"	TYPE 5
	l	PF1G: 3-1000MCM(8KV), 4/0 G (600V)	PMH-012A	PMH-012B	EX-5"	
	a	EMPTY	PMH-012B	PMH-012C	EX-5"	
	b	EMPTY	PMH-012B	PMH-012C	EX-5"	
	c	EMPTY	PMH-012B	PMH-012C	EX-5"	
	d	EMPTY	PMH-012B	PMH-012C	EX-5"	
	e	EMPTY	PMH-012B	PMH-012C	EX-5"	
	f	EMPTY	PMH-012B	PMH-012C	EX-5"	
	g	EMPTY	PMH-012B	PMH-012C	EX-5"	
	h	EMPTY	PMH-012B	PMH-012C	EX-5"	
22	i	PF1F: 3-1000MCM(8KV), 4/0 G (600V)	PMH-012B	PMH-012C	EX-5"	TYPE 5
	j	EMPTY	PMH-012B	PMH-012C	EX-5"	
	k	EMPTY	PMH-012B	PMH-012C	EX-5"	
	l	PF1G: 3-1000MCM(8KV), 4/0 G (600V)	PMH-012B	PMH-012C	EX-5"	
	a	EMPTY	PMH-012C	PMH-012D	EX-5"	
	b	EMPTY	PMH-012C	PMH-012D	EX-5"	
	c	EMPTY	PMH-012C	PMH-012D	EX-5"	
	d	EMPTY	PMH-012C	PMH-012D	EX-5"	
	e	EMPTY	PMH-012C	PMH-012D	EX-5"	
	f	EMPTY	PMH-012C	PMH-012D	EX-5"	
23	g	EMPTY	PMH-012C	PMH-012D	EX-5"	TYPE 5
	h	EMPTY	PMH-012C	PMH-012D	EX-5"	
	i	PF1F: 3-1000MCM(8KV), 4/0 G (600V)	PMH-012C	PMH-012D	EX-5"	
	j	EMPTY	PMH-012C	PMH-012D	EX-5"	
	k	EMPTY	PMH-012C	PMH-012D	EX-5"	
	l	PF1G: 3-1000MCM(8KV), 4/0 G (600V)	PMH-012C	PMH-012D	EX-5"	
	a	EMPTY	PMH-012D	PMH-013A	EX-5"	
	b	EMPTY	PMH-012D	PMH-013A	EX-5"	
	c	EMPTY	PMH-012D	PMH-013A	EX-5"	
	d	EMPTY	PMH-012D	PMH-013A	EX-5"	
	e	EMPTY	PMH-012D	PMH-013A	EX-5"	TYPE 5
	f	EMPTY	PMH-012D	PMH-013A	EX-5"	
	g	EMPTY	PMH-012D	PMH-013A	EX-5"	
	h	EMPTY	PMH-012D	PMH-013A	EX-5"	
	i	PF1F: 3-1000MCM(8KV), 4/0 G (600V)	PMH-012D	PMH-013A	EX-5"	
	j	EMPTY	PMH-012D	PMH-013A	EX-5"	
	k	EMPTY	PMH-012D	PMH-013A	EX-5"	
	l	PF1G: 3-1000MCM(8KV), 4/0 G (600V)	PMH-012D	PMH-013A	EX-5"	



DESCRIPTION		BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS		
INSTALLATION OF TWO 60-HERTZ FEEDERS FROM THE CARROLLTON WATER PLANT TO DRAINAGE PUMPING STATION 1		
DUCTBANK SCHEDULE CONTRACT 6248		
DR. JAMES BADON LAST EDIT JULY 12, 2013	Joseph Badon GENERAL SUPERINTENDENT	
CK: [Signature]	DWG. No. 5058 - P26	
SCALE AS SHOWN	DATE JAN. 29, 2013	SHEET NO. 27 OF 30

DUCTBANK SCHEDULE						
TAG	C	CIRCUIT	FROM	TO	SIZE	DUCTBANK ARRANGEMENT
24	a	EMPTY	PMH-013A	PMH-013B	EX-5"	TYPE 5
	b	EMPTY	PMH-013A	PMH-013B	EX-5"	
	c	EMPTY	PMH-013A	PMH-013B	EX-5"	
	d	EMPTY	PMH-013A	PMH-013B	EX-5"	
	e	EMPTY	PMH-013A	PMH-013B	EX-5"	
	f	EMPTY	PMH-013A	PMH-013B	EX-5"	
	g	EMPTY	PMH-013A	PMH-013B	EX-5"	
	h	EMPTY	PMH-013A	PMH-013B	EX-5"	
	i	PF1F: 3-1000MCM(8KV), 4/0 G (600V)	PMH-013A	PMH-013B	EX-5"	
	j	EMPTY	PMH-013A	PMH-013B	EX-5"	
25	k	EMPTY	PMH-013A	PMH-013B	EX-5"	TYPE 5
	l	PF1G: 3-1000MCM(8KV), 4/0 G (600V)	PMH-013A	PMH-013B	EX-5"	
	a	EMPTY	PMH-013B	PMH-014A	EX-5"	
	b	EMPTY	PMH-013B	PMH-014A	EX-5"	
	c	EMPTY	PMH-013B	PMH-014A	EX-5"	
	d	EMPTY	PMH-013B	PMH-014A	EX-5"	
	e	EMPTY	PMH-013B	PMH-014A	EX-5"	
	f	EMPTY	PMH-013B	PMH-014A	EX-5"	
	g	EMPTY	PMH-013B	PMH-014A	EX-5"	
	h	EMPTY	PMH-013B	PMH-014A	EX-5"	
26	i	PF1F: 3-1000MCM(8KV), 4/0 G (600V)	PMH-013B	PMH-014A	EX-5"	TYPE 5
	j	EMPTY	PMH-013B	PMH-014A	EX-5"	
	k	EMPTY	PMH-013B	PMH-014A	EX-5"	
	l	PF1G: 3-1000MCM(8KV), 4/0 G (600V)	PMH-013B	PMH-014A	EX-5"	
	a	EMPTY	PMH-014A	PMH-014B	EX-5"	
	b	EMPTY	PMH-014A	PMH-014B	EX-5"	
	c	EMPTY	PMH-014A	PMH-014B	EX-5"	
	d	EMPTY	PMH-014A	PMH-014B	EX-5"	
	e	EMPTY	PMH-014A	PMH-014B	EX-5"	
	f	EMPTY	PMH-014A	PMH-014B	EX-5"	
27	g	EMPTY	PMH-014A	PMH-014B	EX-5"	TYPE 5
	h	EMPTY	PMH-014A	PMH-014B	EX-5"	
	i	PF1F: 3-1000MCM(8KV), 4/0 G (600V)	PMH-014A	PMH-014B	EX-5"	
	j	EMPTY	PMH-014A	PMH-014B	EX-5"	
	k	EMPTY	PMH-014A	PMH-014B	EX-5"	
	l	PF1G: 3-1000MCM(8KV), 4/0 G (600V)	PMH-014A	PMH-014B	EX-5"	
	a	EMPTY	PMH-014B	PMH-015A	EX-5"	
	b	EMPTY	PMH-014B	PMH-015A	EX-5"	
	c	EMPTY	PMH-014B	PMH-015A	EX-5"	
	d	EMPTY	PMH-014B	PMH-015A	EX-5"	

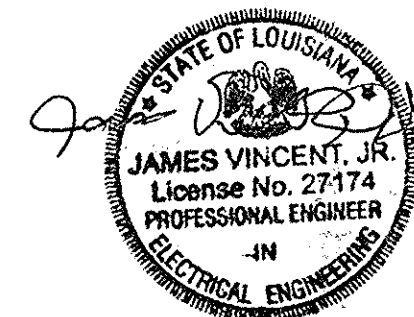
DUCTBANK SCHEDULE						
TAG	C	CIRCUIT	FROM	TO	SIZE	DUCTBANK ARRANGEMENT
28	a	EMPTY	PMH-015A	PMH-016A	EX-5"	TYPE 5
	b	EMPTY	PMH-015A	PMH-016A	EX-5"	
	c	EMPTY	PMH-015A	PMH-016A	EX-5"	
	d	EMPTY	PMH-015A	PMH-016A	EX-5"	
	e	EMPTY	PMH-015A	PMH-016A	EX-5"	
	f	EMPTY	PMH-015A	PMH-016A	EX-5"	
	g	EMPTY	PMH-015A	PMH-016A	EX-5"	
	h	EMPTY	PMH-015A	PMH-016A	EX-5"	
	i	PF1F: 3-1000MCM(8KV), 4/0 G (600V)	PMH-015A	PMH-016A	EX-5"	
	j	EMPTY	PMH-015A	PMH-016A	EX-5"	
29	k	EMPTY	PMH-015A	PMH-016A	EX-5"	TYPE 5
	l	PF1G: 3-1000MCM(8KV), 4/0 G (600V)	PMH-015A	PMH-016A	EX-5"	
	a	EMPTY	PMH-016A	PMH-016B	EX-5"	
	b	EMPTY	PMH-016A	PMH-016B	EX-5"	
	c	EMPTY	PMH-016A	PMH-016B	EX-5"	
	d	EMPTY	PMH-016A	PMH-016B	EX-5"	
	e	EMPTY	PMH-016A	PMH-016B	EX-5"	
	f	EMPTY	PMH-016A	PMH-016B	EX-5"	
	g	EMPTY	PMH-016A	PMH-016B	EX-5"	
	h	EMPTY	PMH-016A	PMH-016B	EX-5"	
30	i	PF1F: 3-1000MCM(8KV), 4/0 G (600V)	PMH-016A	PMH-016B	EX-5"	TYPE 5
	j	EMPTY	PMH-016A	PMH-016B	EX-5"	
	k	EMPTY	PMH-016A	PMH-016B	EX-5"	
	l	PF1G: 3-1000MCM(8KV), 4/0 G (600V)	PMH-016A	PMH-016B	EX-5"	
	a	EMPTY	PMH-016B	PMH-016C	EX-5"	
	b	EMPTY	PMH-016B	PMH-016C	EX-5"	
	c	EMPTY	PMH-016B	PMH-016C	EX-5"	
	d	EMPTY	PMH-016B	PMH-016C	EX-5"	
	e	EMPTY	PMH-016B	PMH-016C	EX-5"	
	f	EMPTY	PMH-016B	PMH-016C	EX-5"	
31	g	EMPTY	PMH-016B	PMH-016C	EX-5"	TYPE 5
	h	EMPTY	PMH-016B	PMH-016C	EX-5"	
	i	PF1F: 3-1000MCM(8KV), 4/0 G (600V)	PMH-016B	PMH-016C	EX-5"	
	j	EMPTY	PMH-016B	PMH-016C	EX-5"	
	k	EMPTY	PMH-016B	PMH-016C	EX-5"	
	l	PF1G: 3-1000MCM(8KV), 4/0 G (600V)	PMH-016B	PMH-016C	EX-5"	
	a	EMPTY	PMH-016C	PMH-017A	EX-5"	
	b	EMPTY	PMH-016C	PMH-017A	EX-5"	
	c	EMPTY	PMH-016C	PMH-017A	EX-5"	
	d	EMPTY	PMH-016C	PMH-017A	EX-5"	



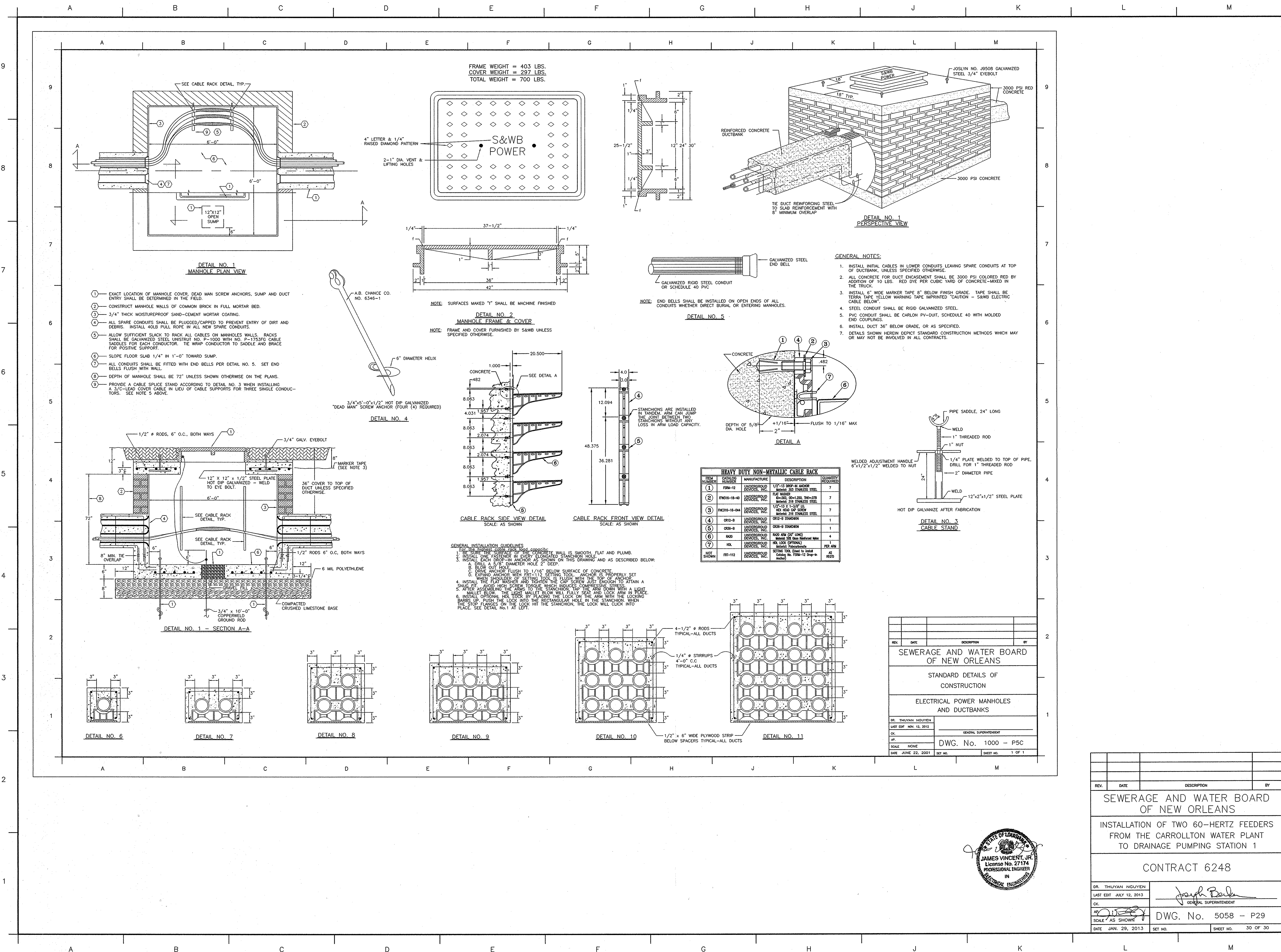
DESCRIPTION		BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS		
INSTALLATION OF TWO 60-HERTZ FEEDERS FROM THE CARROLLTON WATER PLANT TO DRAINAGE PUMPING STATION 1		
DUCTBANK SCHEDULE CONTRACT 6248		
DR. JAMES BADON LAST EDIT JULY 12, 2013	Joseph Badon GENERAL SUPERINTENDENT	
OK	DWG. No. 5058 - P27	
AP. [Signature] SCALE AS SHOWN	DATE JAN. 29, 2013 SET NO. SHEET NO. 28 OF 30	

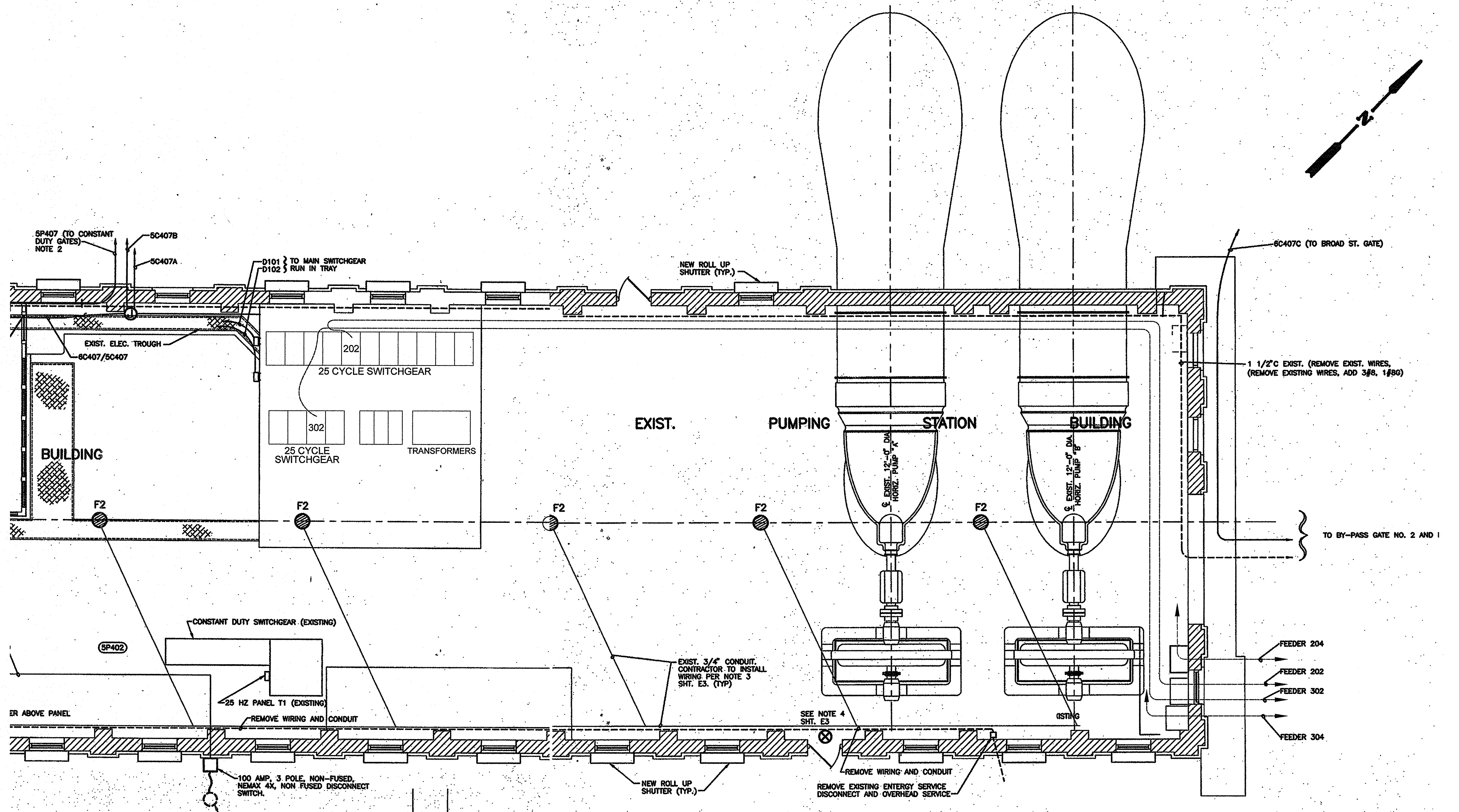
DUCTBANK SCHEDULE						
TAG	C.	CIRCUIT	FROM	TO	SIZE	DUCTBANK ARRANGEMENT
32	a	EMPTY	PMH-017A	PMH-018A	EX-5"	TYPE 5
	b	EMPTY	PMH-017A	PMH-018A	EX-5"	
	c	EMPTY	PMH-017A	PMH-018A	EX-5"	
	d	EMPTY	PMH-017A	PMH-018A	EX-5"	
	e	EMPTY	PMH-017A	PMH-018A	EX-5"	
	f	EMPTY	PMH-017A	PMH-018A	EX-5"	
	g	EMPTY	PMH-017A	PMH-018A	EX-5"	
	h	EMPTY	PMH-017A	PMH-018A	EX-5"	
	i	PF1F: 3-1000MCM(8KV), 4/0 G (600V)	PMH-017A	PMH-018A	EX-5"	
	j	EMPTY	PMH-017A	PMH-018A	EX-5"	
	k	EMPTY	PMH-017A	PMH-018A	EX-5"	
	l	PF1G: 3-1000MCM(8KV), 4/0 G (600V)	PMH-017A	PMH-018A	EX-5"	
33	a	PF1F: 3-1000MCM(8KV), 4/0 G (600V)	PMH-018A	PMH-018B	EX-5"	TYPE 7
	b	EMPTY	PMH-018A	PMH-018B	EX-5"	
	c	PF1G: 3-1000MCM(8KV), 4/0 G (600V)	PMH-018A	PMH-018B	EX-5"	
	d	EMPTY	PMH-018A	PMH-018B	EX-5"	
	e	EMPTY	PMH-018A	PMH-018B	EX-5"	
	f	CKT-304	PMH-018A	PMH-018B	EX-5"	
34	a	CKT-204	PMH-018B	PMH-018B	EX-5"	TYPE 7
	b	EMPTY	PMH-018B	PMH-018C	EX-5"	
	c	PF1F: 3-1000MCM(8KV), 4/0 G (600V)	PMH-018B	PMH-018C	EX-5"	
	d	PF1G: 3-1000MCM(8KV), 4/0 G (600V)	PMH-018B	PMH-018C	EX-5"	
	e	EMPTY	PMH-018B	PMH-018C	EX-5"	
	f	CKT-304	PMH-018B	PMH-018C	EX-5"	
35	a	PF1F: 3-1000MCM(8KV), 4/0 G (600V)	PMH-018C	PMH-019A	EX-5"	TYPE 7
	b	EMPTY	PMH-018C	PMH-019A	EX-5"	
	c	PF1G: 3-1000MCM(8KV), 4/0 G (600V)	PMH-018C	PMH-019A	EX-5"	
	d	CKT-204	PMH-018C	PMH-019A	EX-5"	
	e	EMPTY	PMH-018C	PMH-019A	EX-5"	
	f	CKT-304	PMH-018C	PMH-019A	EX-5"	
36	a	PF1F: 3-1000MCM(8KV), 4/0 G (600V)	PMH-019A	PMH-020A	EX-5"	TYPE 7
	b	EMPTY	PMH-019A	PMH-020A	EX-5"	
	c	PF1G: 3-1000MCM(8KV), 4/0 G (600V)	PMH-019A	PMH-020A	EX-5"	
	d	CKT-204	PMH-019A	PMH-020A	EX-5"	
	e	CKT-204	PMH-019A	PMH-020A	EX-5"	
37	a	PF1F: 3-1000MCM(8KV), 4/0 G (600V)	PMH-020A	PMH-020B	EX-5"	TYPE 8
	b	EMPTY	PMH-020A	PMH-020B	EX-5"	
	c	PF1G: 3-1000MCM(8KV), 4/0 G (600V)	PMH-020A	PMH-020B	EX-5"	
	d	CKT-204	PMH-020A	PMH-020B	EX-5"	
	e	EMPTY	PMH-020A	PMH-020B	EX-5"	
	f	CKT-304	PMH-020A	PMH-020B	EX-5"	
38	a	PF1F: 3-1000MCM(8KV), 4/0 G (600V)	PMH-020B	PMH-020C	EX-5"	TYPE 8
	b	PF1G: 3-1000MCM(8KV), 4/0 G (600V)	PMH-020B	PMH-020C	EX-5"	
	c	CKT-202	PMH-020B	PMH-020C	EX-5"	
	d	CKT-302	PMH-020B	PMH-020C	EX-5"	

DUCTBANK SCHEDULE						
TAG	C.	CIRCUIT	FROM	TO	SIZE	DUCTBANK ARRANGEMENT
39	a	CKT-202	PMH-020C	PMH-021A	EX-5"	TYPE 8
	b	PF1F: 3-1000MCM(8KV), 4/0 G (600V)	PMH-020C	PMH-021A	EX-5"	
	c	PF1G: 3-1000MCM(8KV), 4/0 G (600V)	PMH-020C	PMH-021A	EX-5"	
	d	CKT-302	PMH-020C	PMH-021A	EX-5"	
40	a	EMPTY	PMH-021A	PMH-022A	EX-5"	TYPE 8
	b	EMPTY	PMH-021A	PMH-022A	EX-5"	
	c	PF1F: 3-1000MCM(8KV), 4/0 G (600V)	PMH-021A	PMH-022A	EX-5"	
	d	PF1G: 3-1000MCM(8KV), 4/0 G (600V)	PMH-021A	PMH-022A	EX-5"	
41	a	EMPTY	PMH-022A	PMH-022B	EX-5"	TYPE 8
	b	EMPTY	PMH-022A	PMH-022B	EX-5"	
	c	PF1F: 3-1000MCM(8KV), 4/0 G (600V)	PMH-022A	PMH-022B	EX-5"	
	d	PF1G: 3-1000MCM(8KV), 4/0 G (600V)	PMH-022A	PMH-022B	EX-5"	
42	a	EMPTY	PMH-022B	PMH-022C	EX-5"	TYPE 9
	b	EMPTY	PMH-022B	PMH-022C	EX-5"	
	c	ENTERGY: 3-750MCM (5KV), 350MCM G (600V)	PMH-022B	PMH-022C	EX-5"	
	d	EMPTY	PMH-022B	PMH-022C	EX-5"	
	e	EMPTY	PMH-022B	PMH-022C	EX-5"	
	f	PF1F: 3-1000MCM(8KV), 4/0 G (600V)	PMH-022B	PMH-022C	EX-5"	
	g	EMPTY	PMH-022B	PMH-022C	EX-5"	
	h	ENTERGY: 3-750MCM (5KV), 350MCM G (600V)	PMH-022B	PMH-022C	EX-5"	
	i	EMPTY	PMH-022B	PMH-022C	EX-5"	
	j	PF1G: 3-1000MCM(8KV), 4/0 G (600V)	PMH-022B	PMH-022C	EX-5"	
43	a	EMPTY	PMH-022C	PMH-0107A	EX-5"	TYPE 9
	b	EMPTY	PMH-022C	PMH-0106A	EX-5"	
	c	ENTERGY: 3-750MCM (5KV), 350MCM G (600V)	PMH-022C	PMH-0105A	EX-5"	
	d	EMPTY	PMH-022C	PMH-0104A	EX-5"	
	e	EMPTY	PMH-022C	PMH-0103A	EX-5"	
	f	PF1F: 3-1000MCM(8KV), 4/0 G (600V)	PMH-022C	PMH-0107A	EX-5"	
	g	EMPTY	PMH-022C	PMH-0106A	EX-5"	
	h	ENTERGY: 3-750MCM (5KV), 350MCM G (600V)	PMH-022C	PMH-0105A	EX-5"	
	i	EMPTY	PMH-022C	PMH-0104A	EX-5"	
	j	PF1G: 3-1000MCM(8KV), 4/0 G (600V)	PMH-022C	PMH-0103A	EX-5"	



DESCRIPTION		BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS		
INSTALLATION OF TWO 60-HERTZ FEEDERS FROM THE CARROLLTON WATER PLANT TO DRAINAGE PUMPING STATION 1		
DUCTBANK SCHEDULE CONTRACT 6248		
DR. JAMES BADON LAST EDIT JULY 12, 2013	Joseph Badon GENERAL SUPERINTENDENT	
OK	DWG. No. 5058 - P28	
SCALE AS SHOWN	DATE JAN. 29, 2013	SHEET NO. 29 OF 30

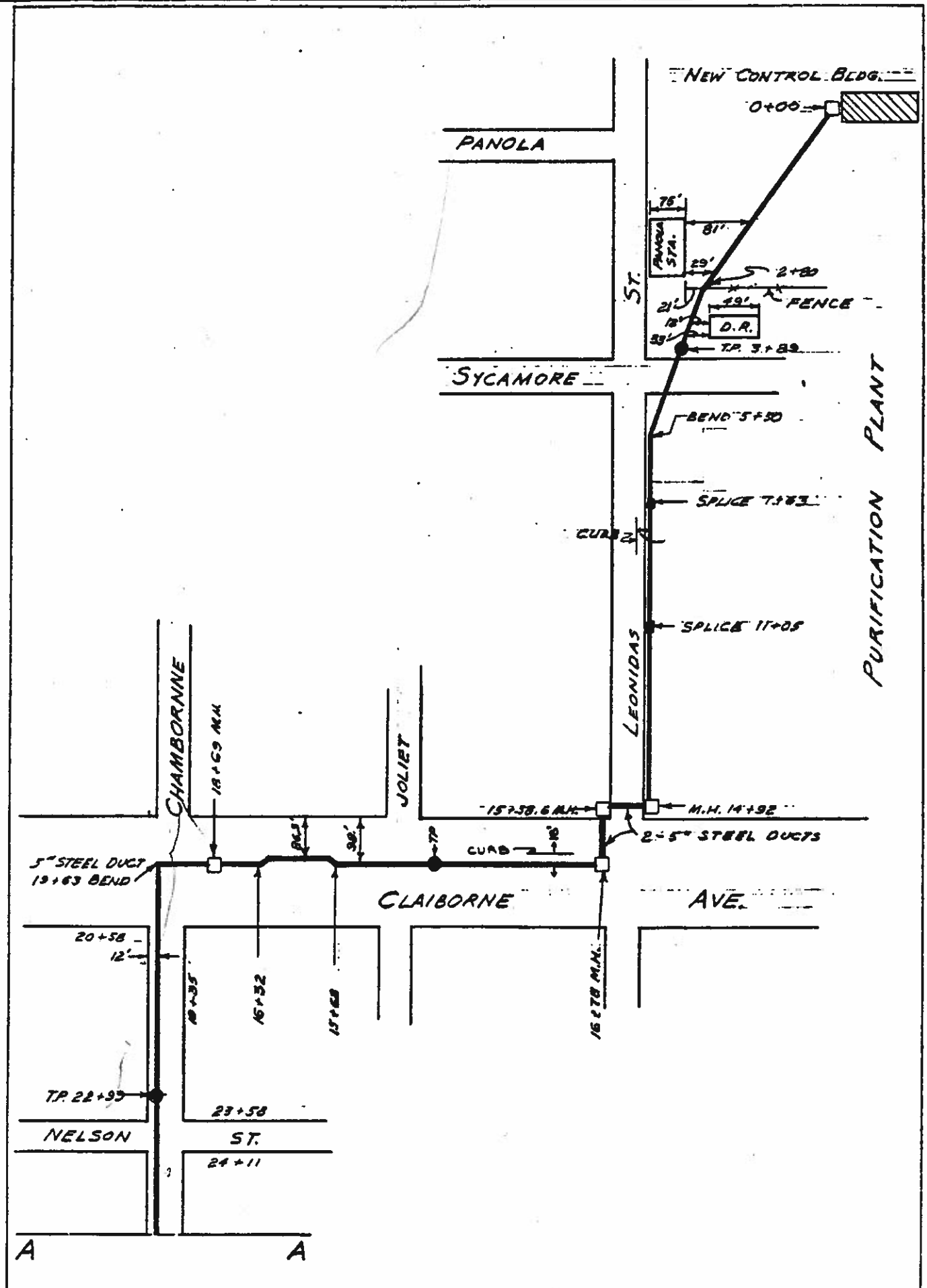




PARTIAL VIEW OF DRAINAGE PUMPING STATION 1

REV.	DATE	DESCRIPTION	BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
PARTIAL VIEW OF DPS No.1 BUILDING			
ROUTE OF ELECTRICAL FEEDERS 302 AND 202			
DR. CELSO ANTUNEZ	GENERAL SUPERINTENDENT		
LAST EDIT			
OK.			
AP.	DWG. No.		
SCALE NONE			
DATE JUNE 3, 2014	SET NO.	SHEET NO.	1 OF

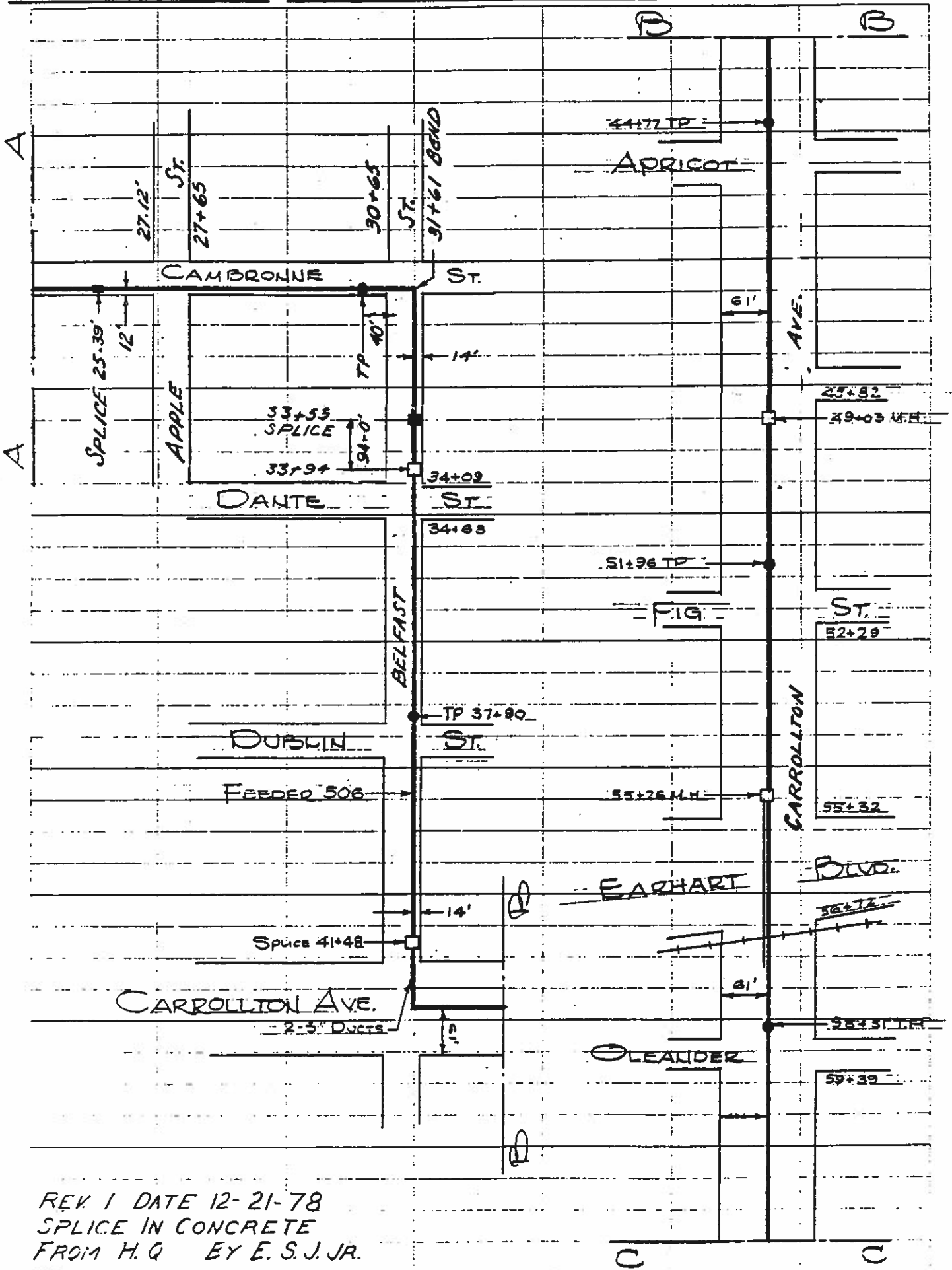
AS-BUILT MAPS FOR FEEDER 506



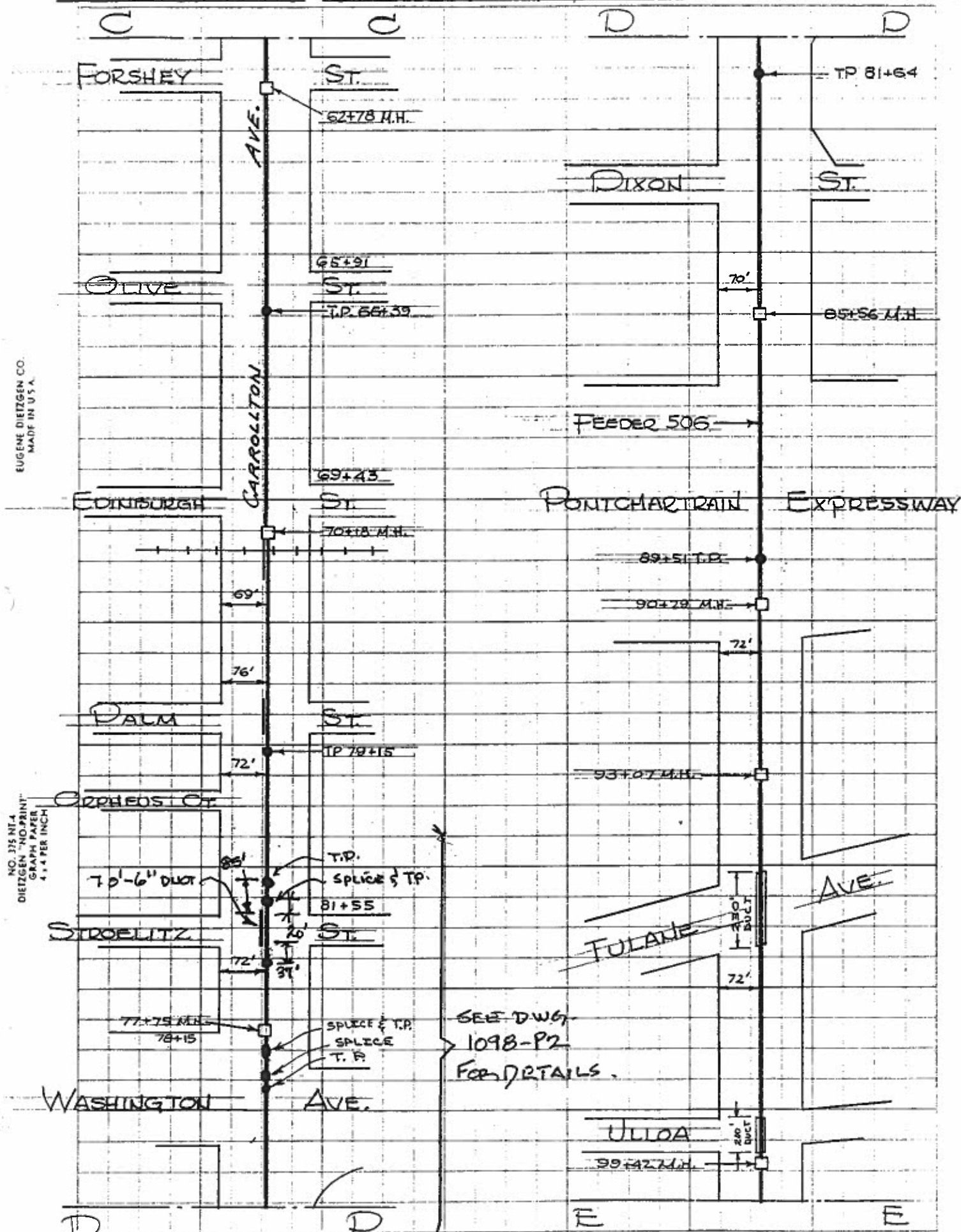
FOR DETAILS AND REVISIONS SEE DWG. N^o 1098-P-1-P-6, 1810-P-1

EUGENE DIEZGEN CO
MADE IN U.S.A.

NO. 1/5 N.E. 4
DIEZGEN NO. PRINT
GRAPHIC PAPER
4 x 4 1/2 IN. (11.43 x 11.43)



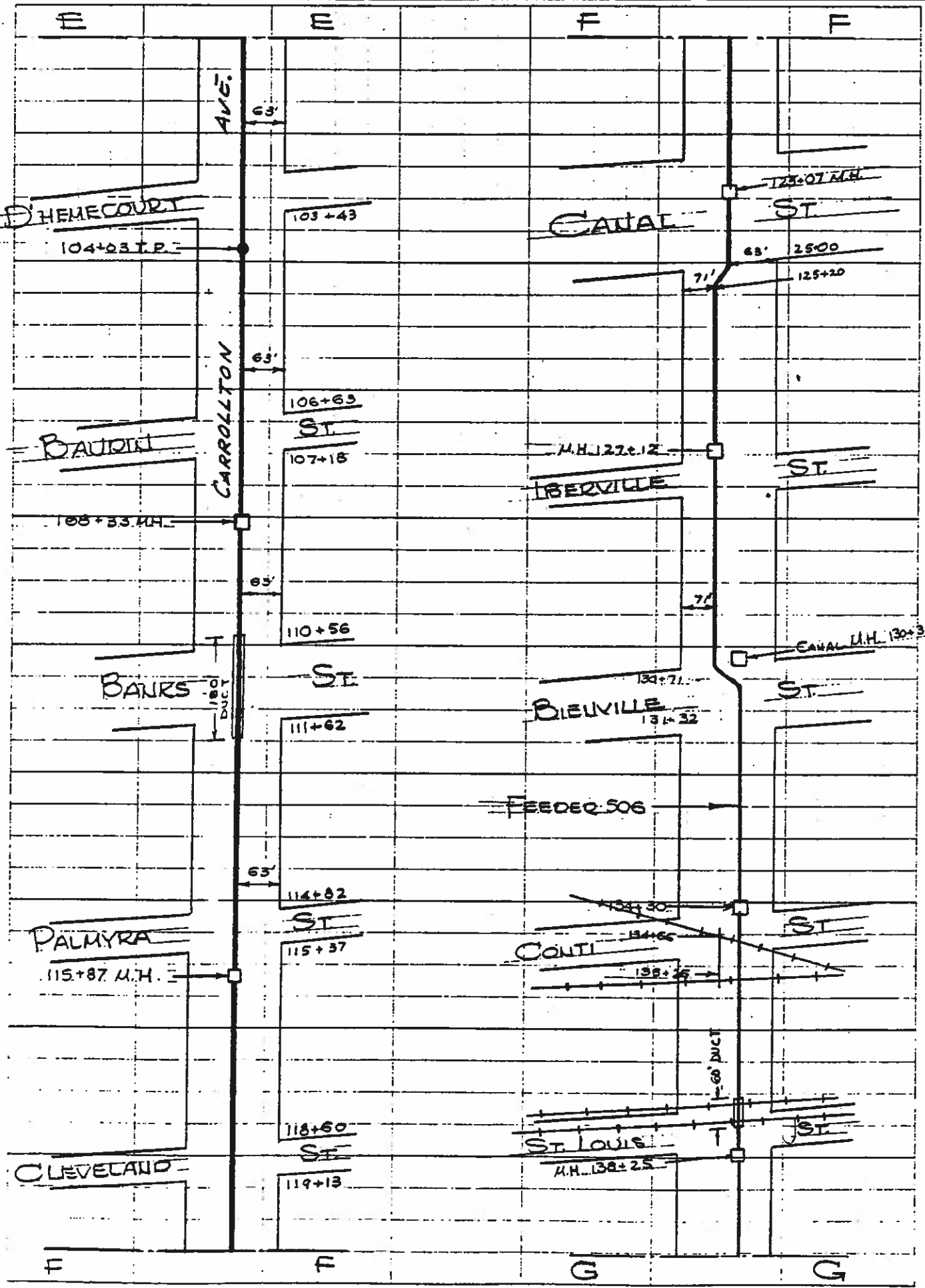
REV 1 DATE 12-21-78
 SPLICE IN CONCRETE
 FROM H.Q. BY E. S. J. JR.



BY W.M. DATE 8-27-64
CHKD. BY _____ DATE _____

SUBJECT ROUTE OF FEEDER 506
FROM CONTROL BUILDING TO
DRAINAGE STATION NO. 3

SHEET NO. 4 OF 1
JOB NO. _____

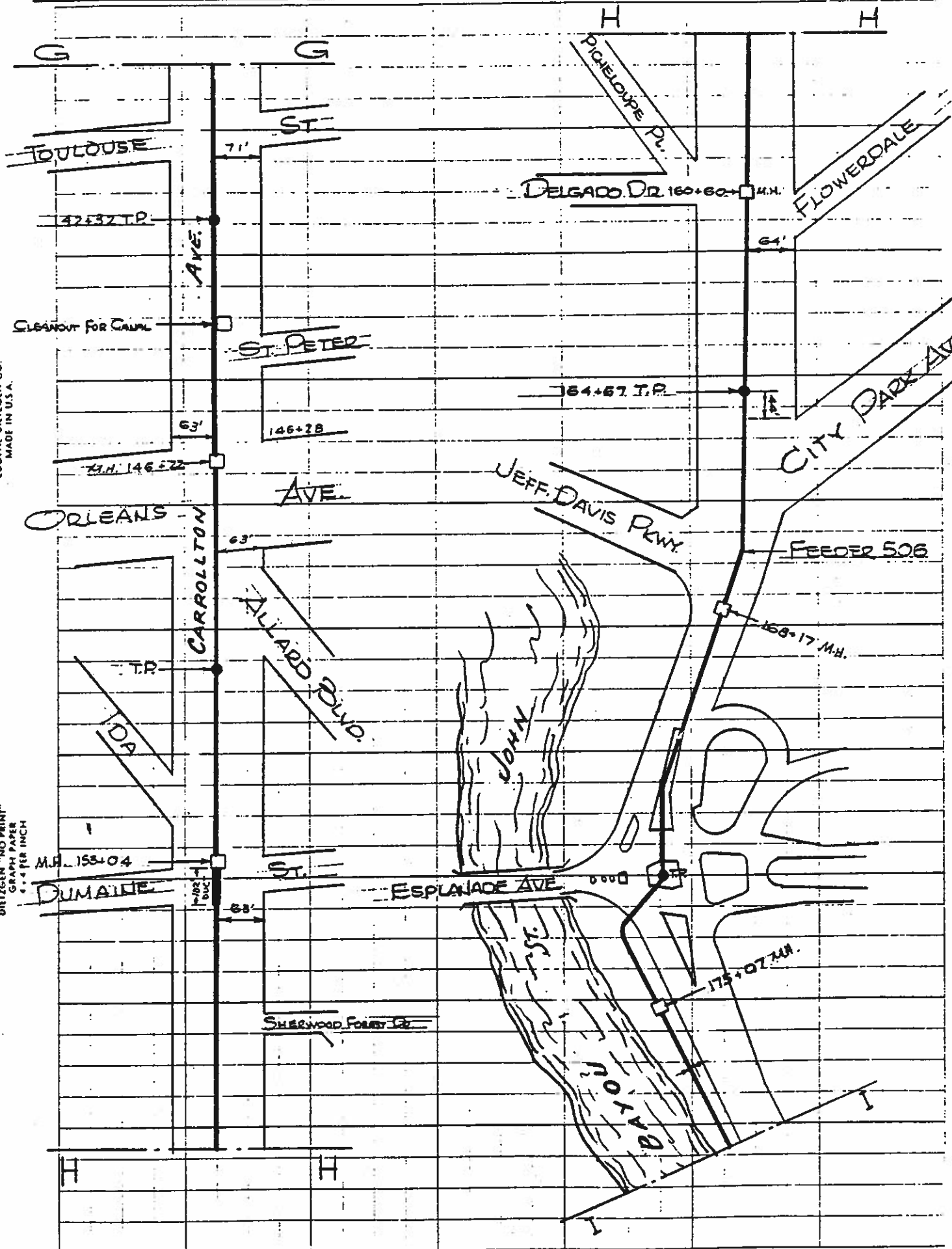


EUGENE DIETZGEN CO
MADE IN U.S.A.

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4.4 PER INCH

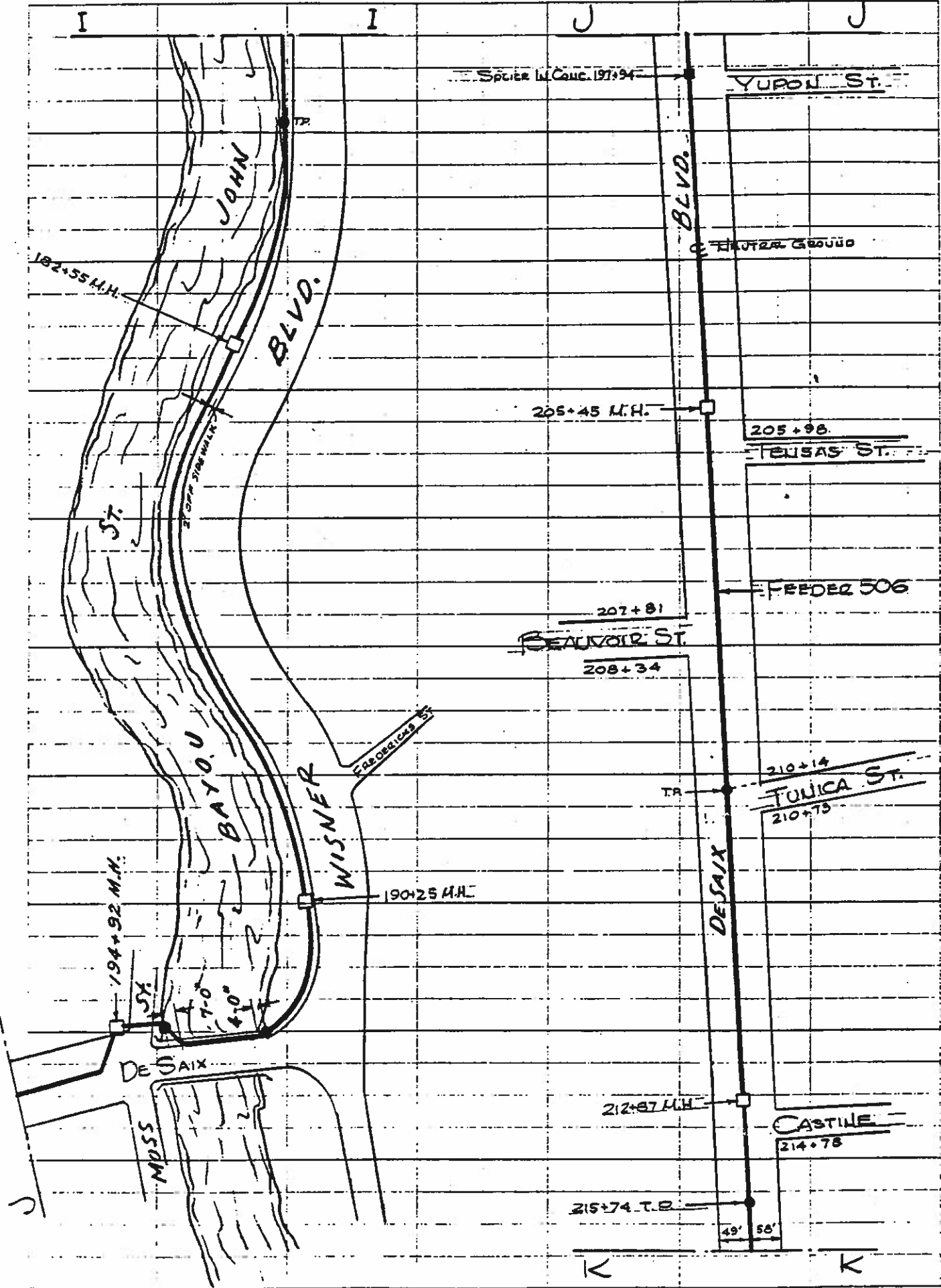
EUGENE DIETZEN CO.
MADE IN U.S.A.

NO. 375 N.E. 4
 DIETZEN "NO PRINT"
 GRAPH PAPER
 4.4 PER INCH



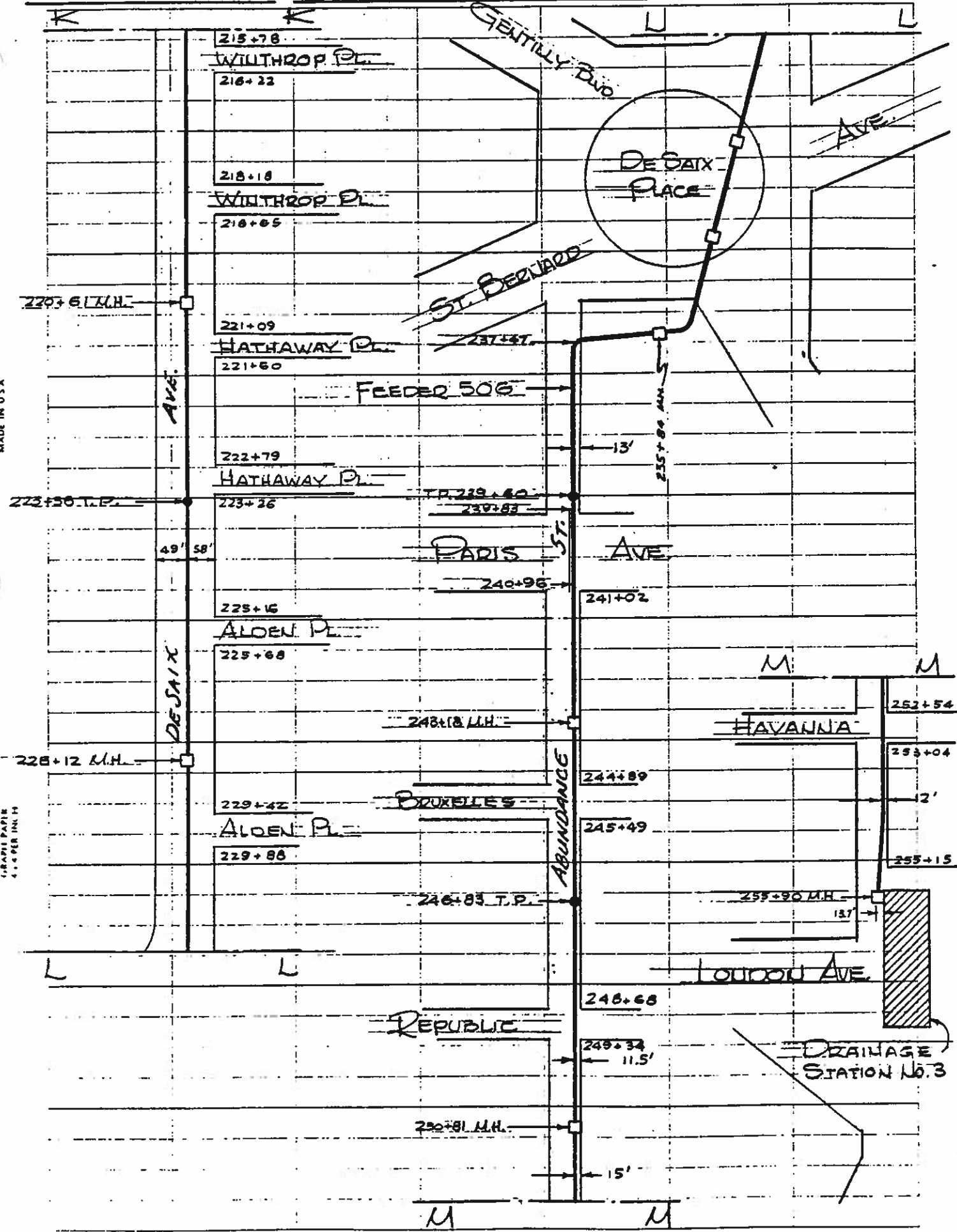
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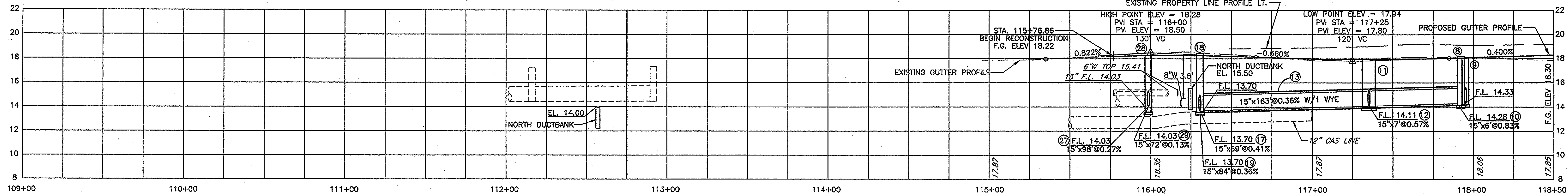


EUGENE DIETZEN CO.
MADE IN U.S.A.

NO. 315 SET 4
 DIETZEN "NO. 315"
 GRAPHIC PAPER
 4" x 6" PER INCH



LEFT PROFILE



F.A.P.	D.P.W. PROJECT	STATE PROJECT	PARISH	SHEET NO.
6033(009)	91-ST-04	742-36-0008	ORLEANS	7

DESIGN EXCEPTION NO. 742070026-1
HORIZONTAL CLEARANCE THROUGHOUT CORRIDOR
APPROVED BY R.E. DILLON ON SEPTEMBER 28, 1998

DESIGN EXCEPTION NO. 742070026-3
USING RIGHT-OF-ENTRY TO BUILD SIDEWALK THROUGHOUT CORRIDOR
APPROVED BY R.E. DILLON ON SEPTEMBER 14, 1998

DESIGN EXCEPTION NO. 742360008-2
ONE FOOT CURB OFFSET FROM TRAVEL LANE ADJACENT TO NEW SIDEWALK
APPROVED BY R.E. DILLON ON SEPTEMBER 14, 1998

APPROXIMATE DRAINAGE STRUCTURE REMOVAL QUANTITIES		
PIPE SIZE	PIPE LENGTH RCP	PVC
6"		27
8"		25
10"	297'	
12"	2753'	
15"	1246'	
18"	711'	
21"	634'	
24"	1112'	
27"	23'	
MANHOLES		50
CATCH BASINS		43

STA. 115+56.78 (E.B.)
STA. 115+76.86 (W.B.)
BEGIN RECONSTRUCTION

CURVE DATA
PI=116+08.69
Δ=4°56'2.75"
D=3'00'00"
T=82.29'
L=164.47'
R=1909.88'
e=1.77'
PC=115+28.40
PT=116+90.87

NOTE:

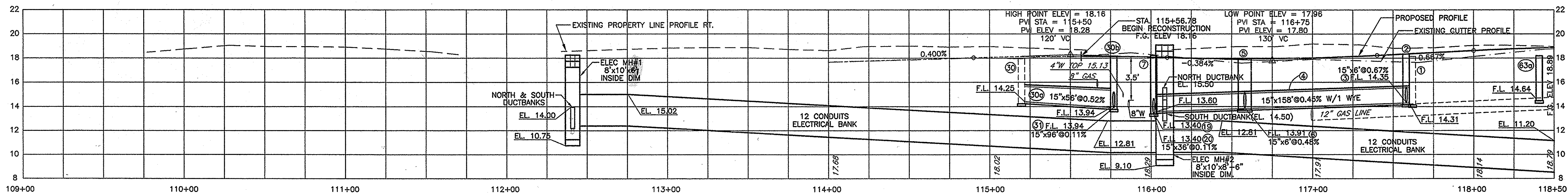
1. ALL EXISTING DRAINAGE STRUCTURES BETWEEN STATION 115+56.78 (E.B.)/115+76.86 (W.B.) AND STATION 148+00 ARE TO BE REMOVED UNLESS OTHERWISE NOTED OR AS DIRECTED BY THE PROJECT ENGINEER. (TO BE PAID UNDER ITEM 202(01) - REMOVAL OF STRUCTURES AND OBSTRUCTIONS).
2. ALL EXISTING M.H.'S SHOWN TO REMAIN WILL BE ADJUSTED TO GRADE AND PAID FOR UNDER ITEM 702(04)A - ADJUSTING MANHOLES.

NOTES FOR ELECTRICAL FEEDER LINE INSTALLATION:

1. CONTRACTOR TO FURNISH AND INSTALL FOUR (4) - 6" SCHEDULE 40 PVC CONDUITS, ENCASED IN REINFORCED CONCRETE.
2. CONTRACTOR TO FURNISH AND INSTALL SIX (6) - 6" SCHEDULE 40 PVC CONDUITS, ENCASED IN REINFORCED CONCRETE.
3. CONTRACTOR TO FURNISH AND INSTALL TWELVE (12) - 6" SCHEDULE 40 PVC CONDUITS, ENCASED IN REINFORCED CONCRETE.
4. TOP OF DUCTBANK SHALL BE THREE (3) FEET BELOW STREET GRADE, UNLESS OTHERWISE SPECIFIED. SEE PROFILE.
5. CONTRACTOR TO FURNISH AND INSTALL NEW MANHOLES AS PER S&WB DWG. No.1000-P58.
6. EXTEND REBAR AND EACH CONDUIT END ONE (1) FOOT PAST THE CONCRETE ENCASUREMENT. PROVIDE A 1/2" PLYWOOD TEMPLET TO FORM DUCTBANK. PROVIDE A CONDUIT CAP OR PLUG FOR EACH CONDUIT.
7. FOR PROJECT @ GEOMETRICS, SEE SHEET 34.
8. REMOVAL AND REPLACEMENT OF CONCRETE ROADWAY BETWEEN STA. 112+32 AND STA. 115+56.78 TO BE INCLUDED UNDER ITEM S-201. APPROXIMATELY 195 SQ. YDS.

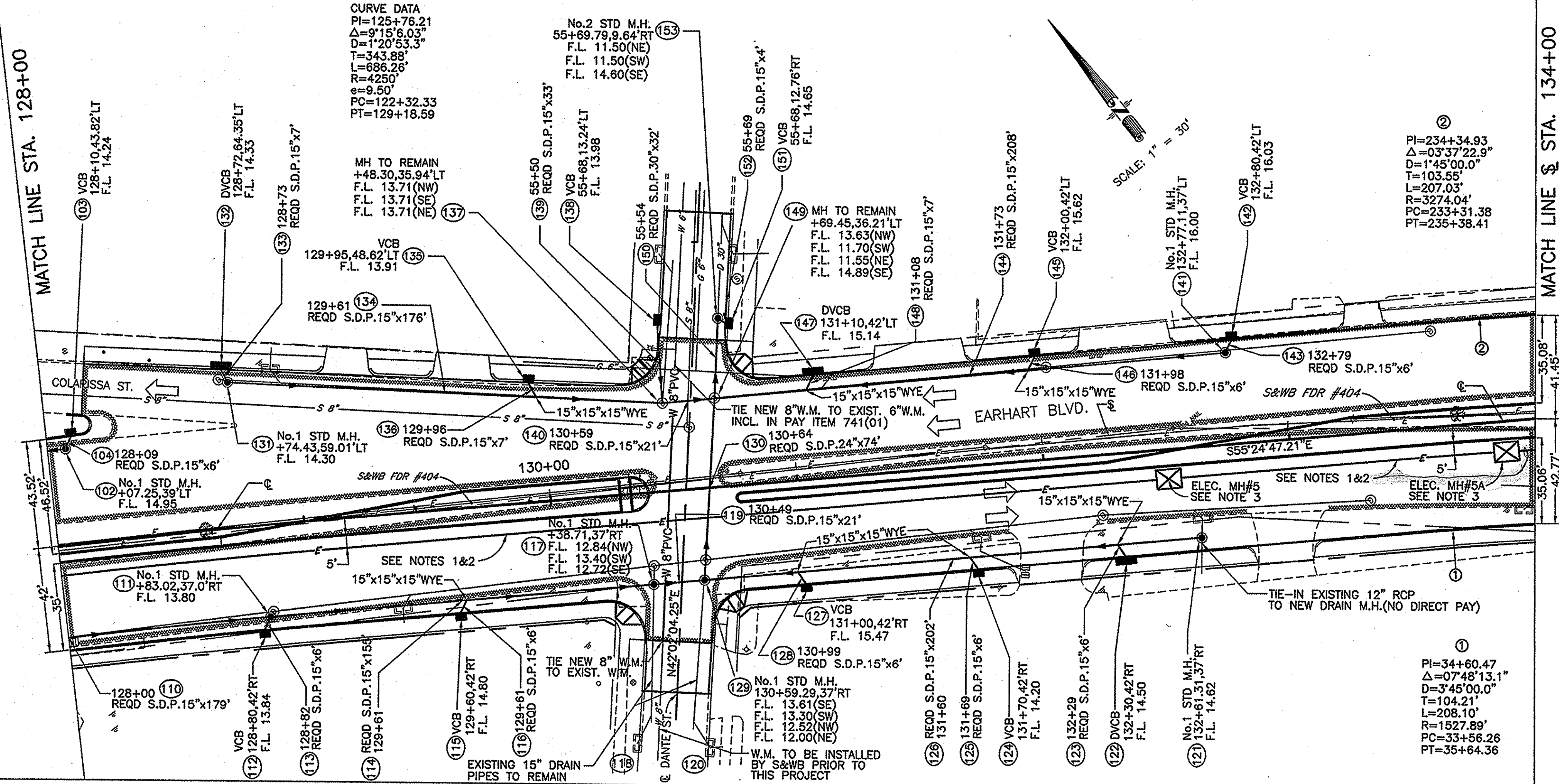
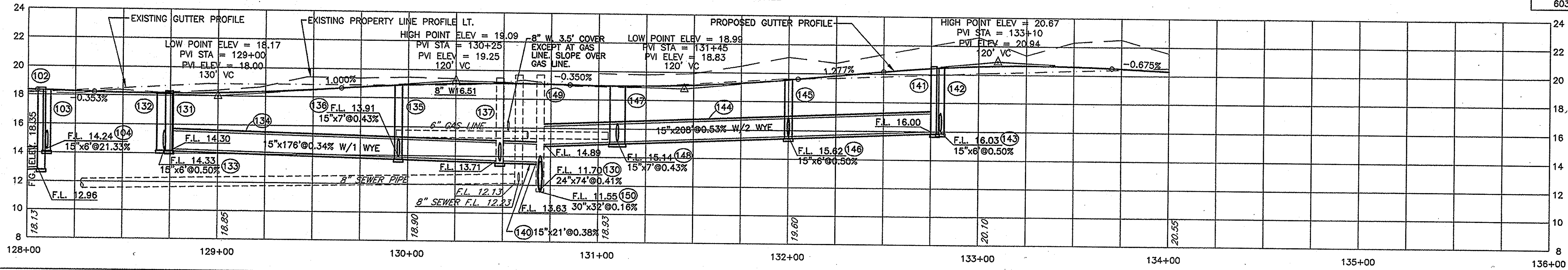
9. CONTRACTOR TO REMOVE AND INSTALL NINE (9) - 6" SCHEDULE 40 PVC CONDUITS ENCASED IN REINFORCED CONCRETE.

RIGHT PROFILE

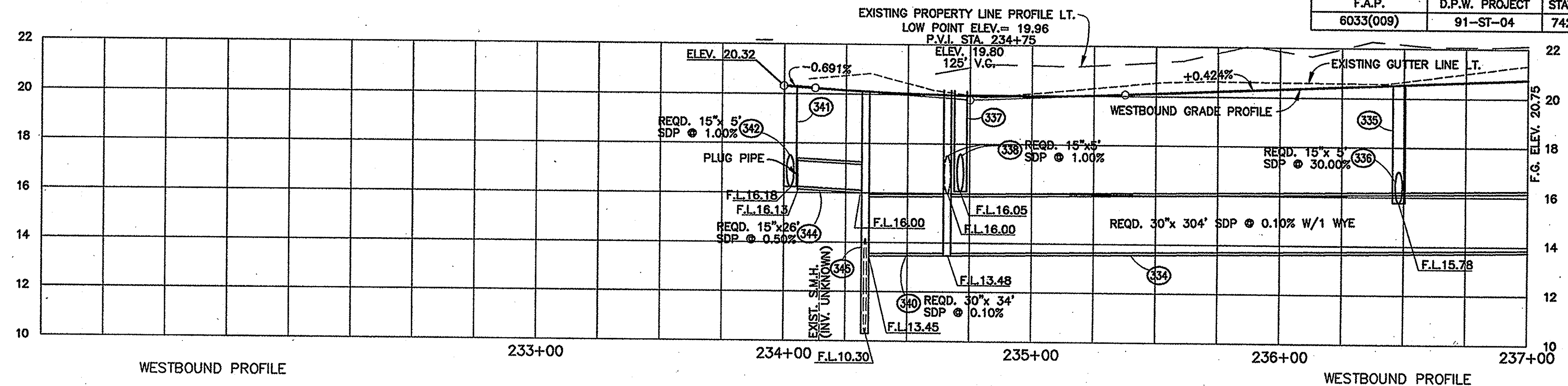


STATE OF LOUISIANA
ALLAN GRAFTON COX
REG. NO. 18444
PROFESSIONAL ENGINEER

LEFT PROFILE



- GENERAL NOTES:
1. ALL EXISTING DRAINAGE STRUCTURES ARE TO BE REMOVED UNLESS NOTED OTHERWISE.
 2. THE ONLY ACCEPTABLE ALTERNATE TO S.D.P. IS R.C.P. (REINFORCED CONCRETE PIPE) UNLESS NOTED OTHERWISE.
 3. ALL EXISTING STREET LIGHTS SHALL REMAIN UNLESS NOTED OTHERWISE.
 4. EXISTING DRAIN LINES THAT CANNOT BE REMOVED SHALL BE FILLED WITH SAND AND PLUGGED BY THE CONTRACTOR.



REQUIRED DRAINAGE STRUCTURES

STR.-NO.	DESCRIPTION	INVERTS UPPER LOWER
EASTBOUND		
236	STA. 36+13 REQD. 36"x 308' SDP W/1 36"x 36"x 15" WYE	13.03 13.34
237	STA. 36+40 REQD. SD0CB	
238	STA. 36+38.5 REQD. 15"x5' SDP	15.59 14.09
239	STA. 34+59.5 REQD. STD. M.H. NO. 3	
240	STA. 34+61 REQD. 18"x 5' SDP	15.00 14.98
241	STA. 34+62.5 REQD. DVCB	
242	STA. 34+44.5 REQD. 36"x 31' SDP	13.03 13.00
243	STA. 34+01 REQD. VCB	
244	STA. 34+02.5 REQD. 15"x 5' SDP	15.17 15.12
246	STA. 34+16.5 REQD. 15"x 24' SDP W/1 15"x 15"x 15" WYE	15.12 15.00
248	EXIST. 42"x 46" SDP	
WESTBOUND		
334	STA. 236+20 REQD. 30"x 304' SDP W/1 30"x 30"x 15" WYE	13.79 13.48
335	STA. 236+48 REQD. VCB	
336	STA. 236+46.5 REQD. 15"x 5' SDP	15.78 14.28
337	STA. 234+71 REQD. DVCB	
338	STA. 234+69.5 REQD. 15"x 5' SDP	16.02 16.00
339	STA. 234+68 REQD. STD. M.H. NO. 2	
340	STA. 234+51 REQD. 30"x 34' SDP	13.48 13.45
341	STA. 234+05 REQD. VCB	
342	STA. 234+06.5 REQD. 15"x 5' SDP	16.18 16.13
344	STA. 234+21 REQD. 15"x 26' SDP W/1 15"x 15"x 15" WYE	16.13 16.00
▲ 345	STA. 234+34 REQD. STD. M.H. NO. 2	

▲ LOCATION OF DRAINAGE STRUCTURE TO BE SET IN FIELD BY PROJECT ENGINEER.

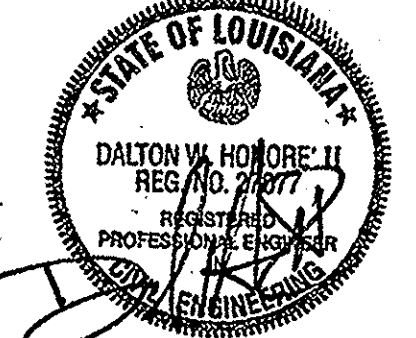
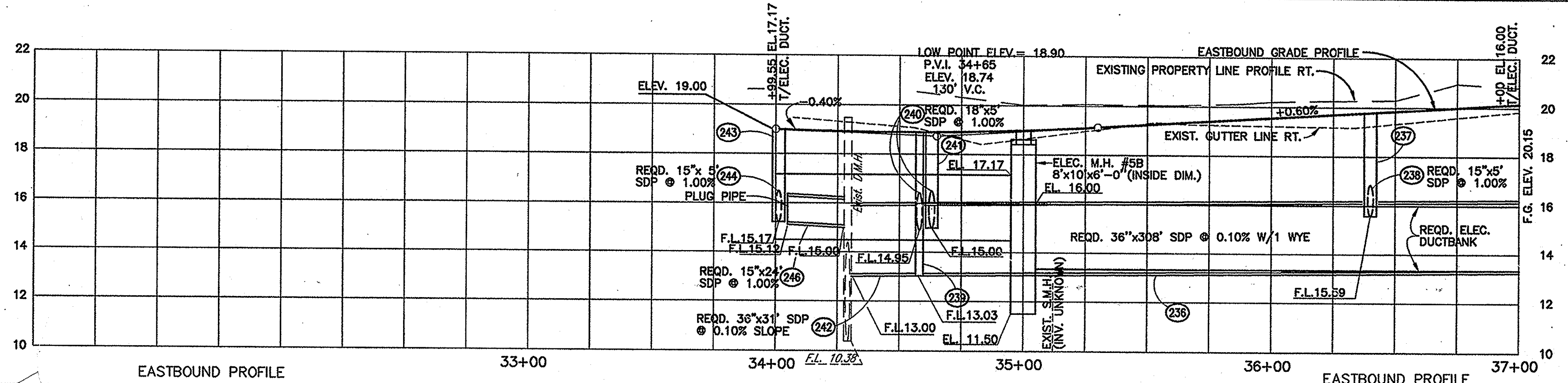
BEGIN WESTBOUND @
P.O.C. STA. 233+99.83 =
P.O.T. STA. 134+00.00-46.31' RT. SURVEY LINE

BEGIN EASTBOUND @
P.O.C. STA. 33+99.61 =
P.O.T. STA. 134+00.00-39.09' RT. SURVEY LINE

- NOTES:
1. CONTRACTOR TO FURNISH AND INSTALL TWELVE (12)-6" SCHEDULE 40 PVC CONDUITS, ENCASED IN REINFORCED CONCRETE.
 2. TOP OF DUCTBANK SHALL BE THREE (3) FEET BELOW STREET GRADE, UNLESS OTHERWISE SPECIFIED. SEE PROFILE.
 3. CONTRACTOR TO FURNISH AND INSTALL NEW MANHOLES AS PER S&WB DWG No. 1000-P5B.

① CURVE DATA
P.I. = 234+34.93 = P.O.T. 134+34.90-50.10' LT. SURVEY LINE
Δ = 03°37'22.9" RT.
D = 1'45"
T = 103.55'
L = 207.03'
R = 3274.04'
e = 1.64'
P.C. = 233+31.38 = P.O.T. 133+31.78-41.03' LT. SURVEY LINE
P.T. = 235+38.41 = P.O.T. 135+38.42-52.63' LT. SURVEY LINE

② CURVE DATA
P.I. = 34+60.47 = P.O.T. 134+60.58-33.15' RT. SURVEY LINE
Δ = 07°48'13.1" RT.
D = 3'45"
T = 104.21'
L = 208.10'
R = 1527.89'
e = 3.55'
P.C. = 33+56.26 = P.O.T. 133+56.77-42.27' RT. SURVEY LINE
P.T. = 35+64.36 = P.O.T. 135+64.66-38.21' RT. SURVEY LINE

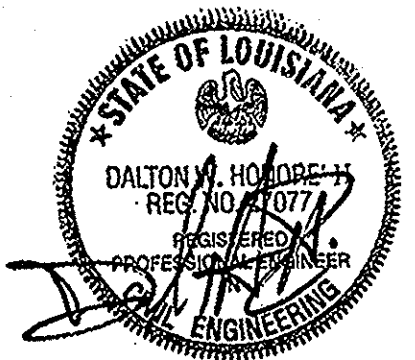
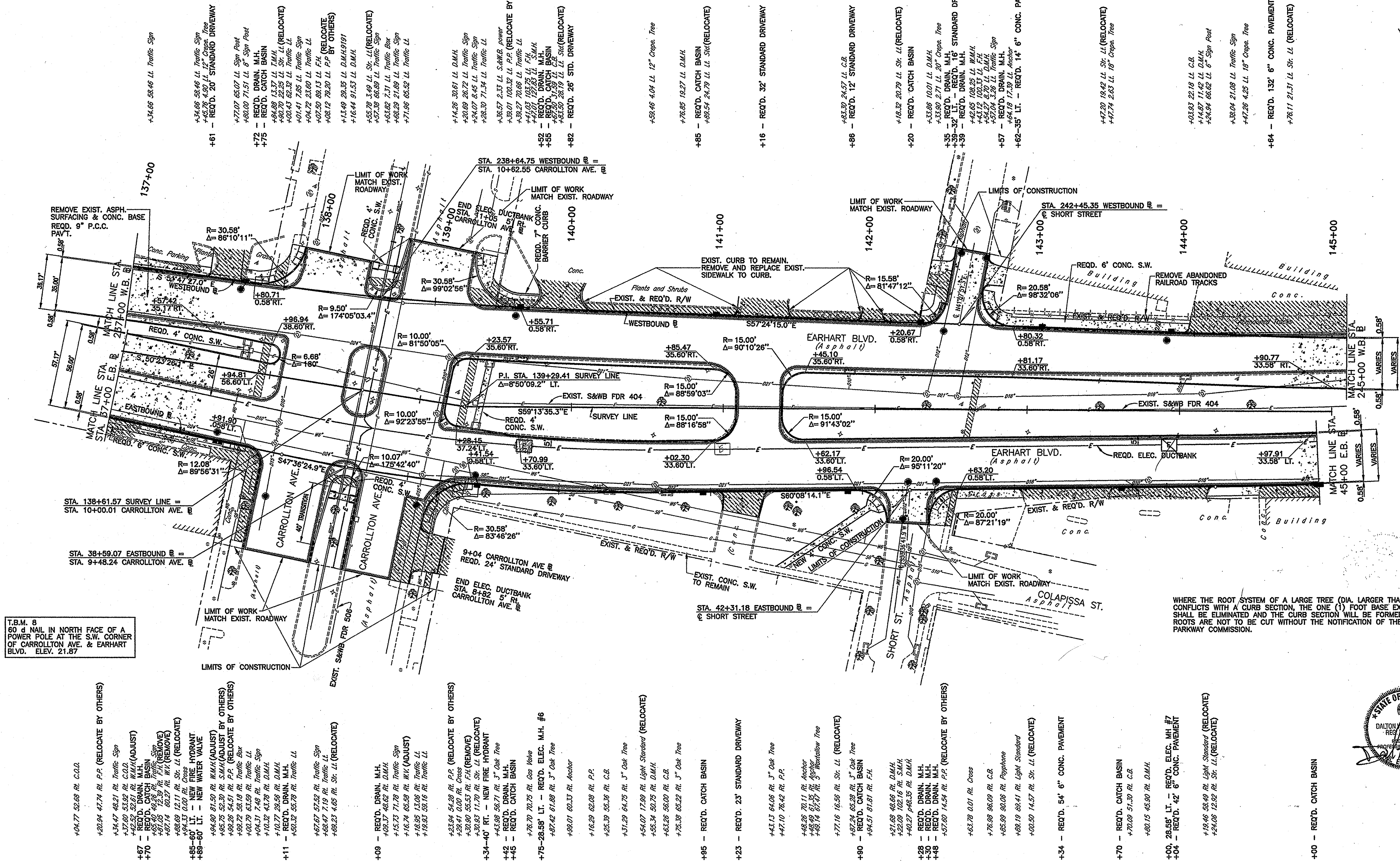


CURVE DATA WESTBOUND @

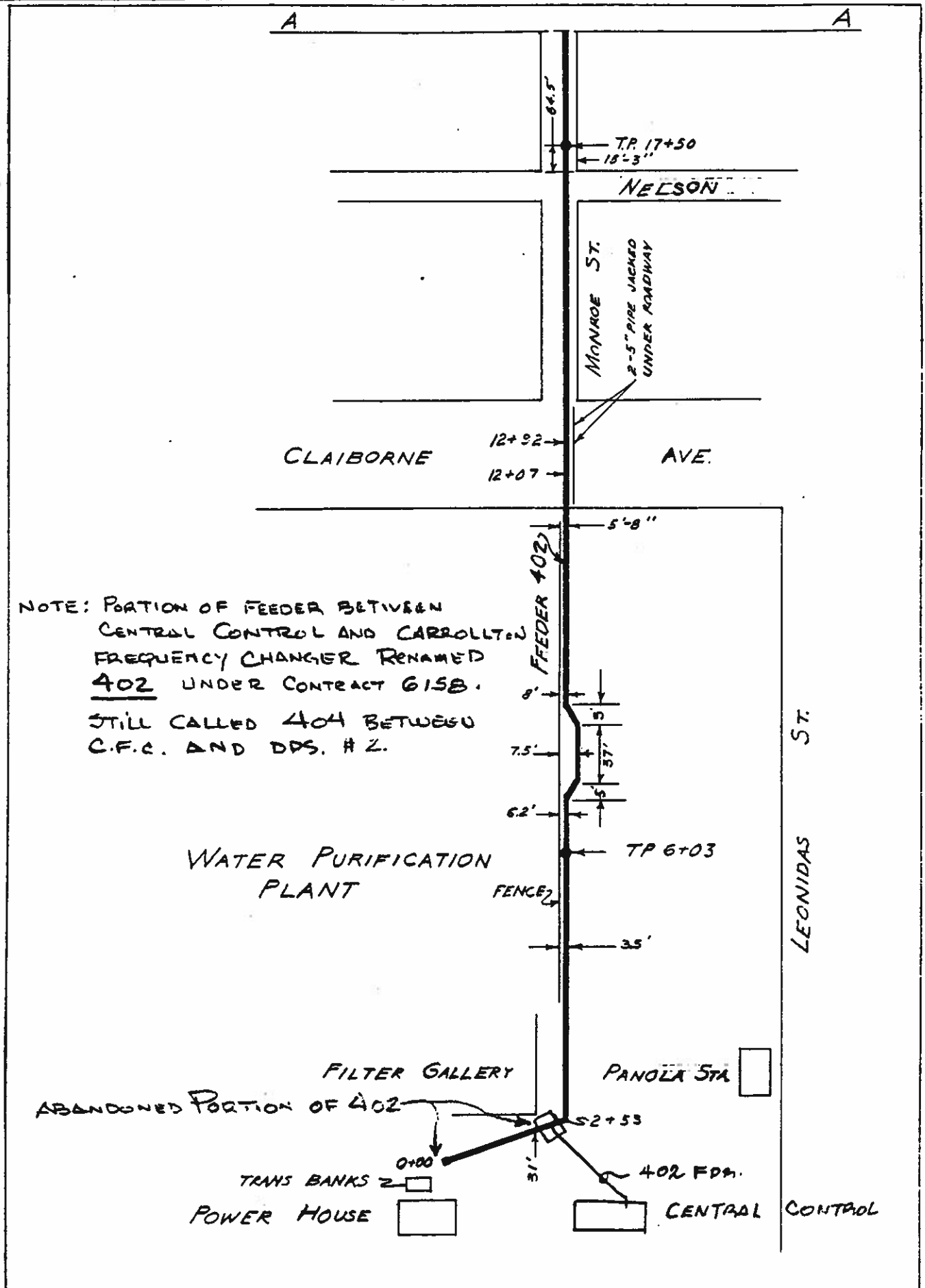
P.I. = 238+78.82 = P.O.T. 138+78.73-60.94' LT. SURVEY LINE
Δ = 05°35'48.0" LT.
D = 2'45"
T = 102.14'
L = 204.12'
P = 2083.48'
e = 2.50'
P.C. = 237+76.68 = P.O.T. 137+76.62-58.45' LT. SURVEY LINE
P.T. = 239+80.80 = P.O.T. 139+90.78-64.76' LT. SURVEY LINE

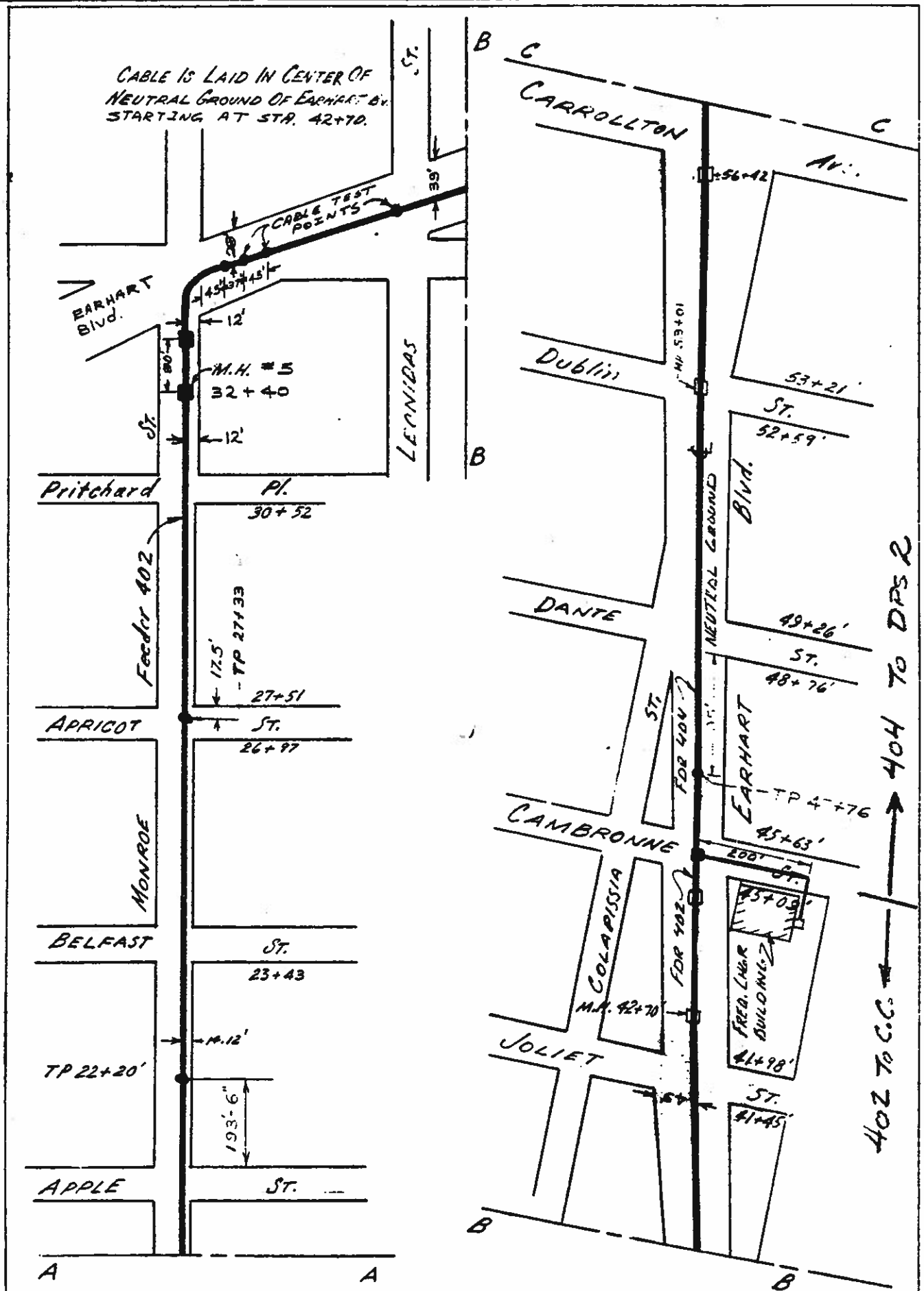
CURVE DATA EASTBOUND @

P.I. = 39+41.66 = P.O.T. 139+32.69-57.73' RT. SURVEY LINE
Δ = 12°31'49.1" LT.
D = 5'00"
T = 125.81'
L = 250.61'
P = 1445.92'
e = 6.89'
P.C. = 38+15.85 = P.O.T. 138+15.86-50.43' RT. SURVEY LINE
P.T. = 40+66.46 = P.O.T. 140+58.48-55.73' RT. SURVEY LINE



AS-BUILT MAPS FOR FEEDER 404



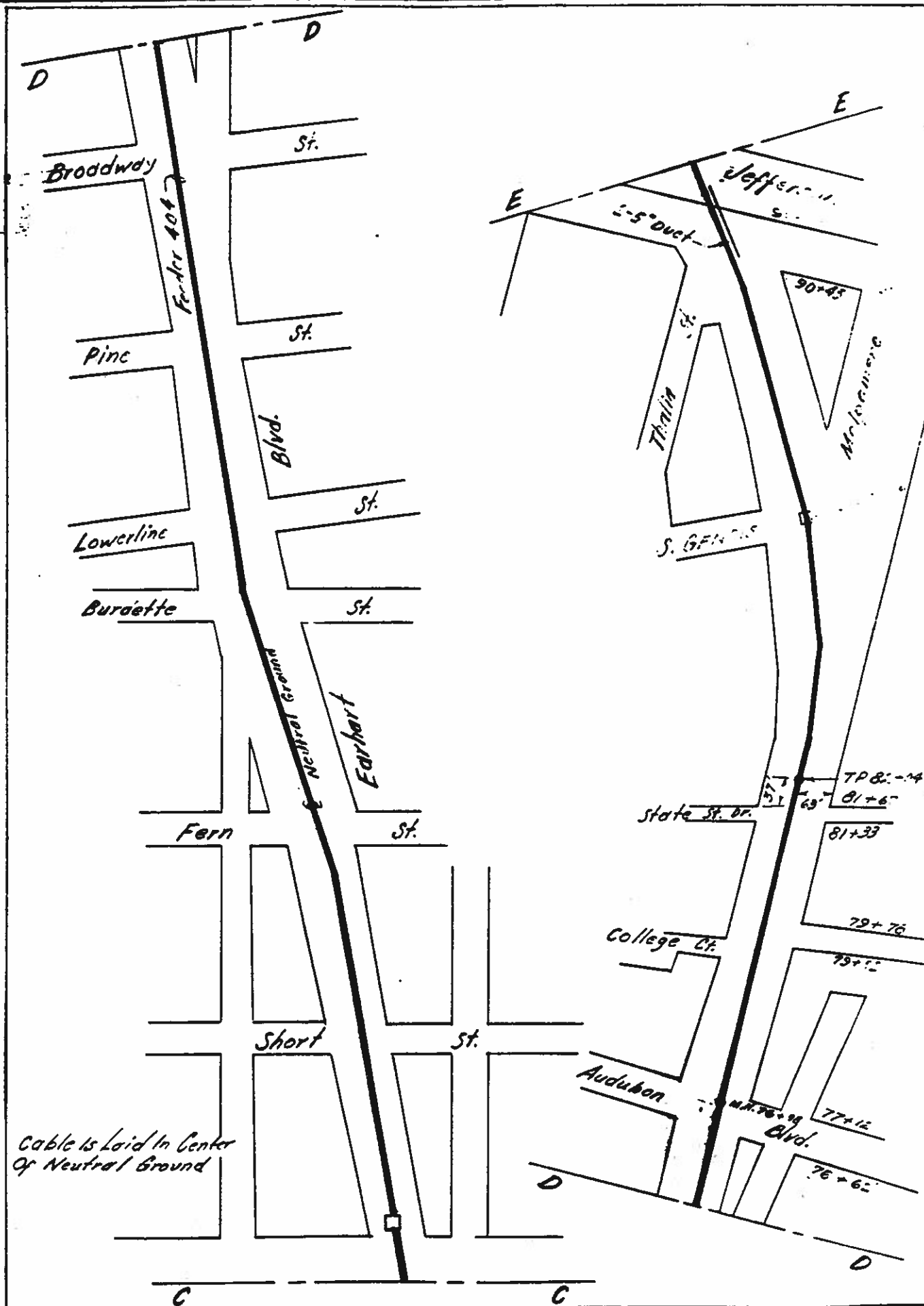


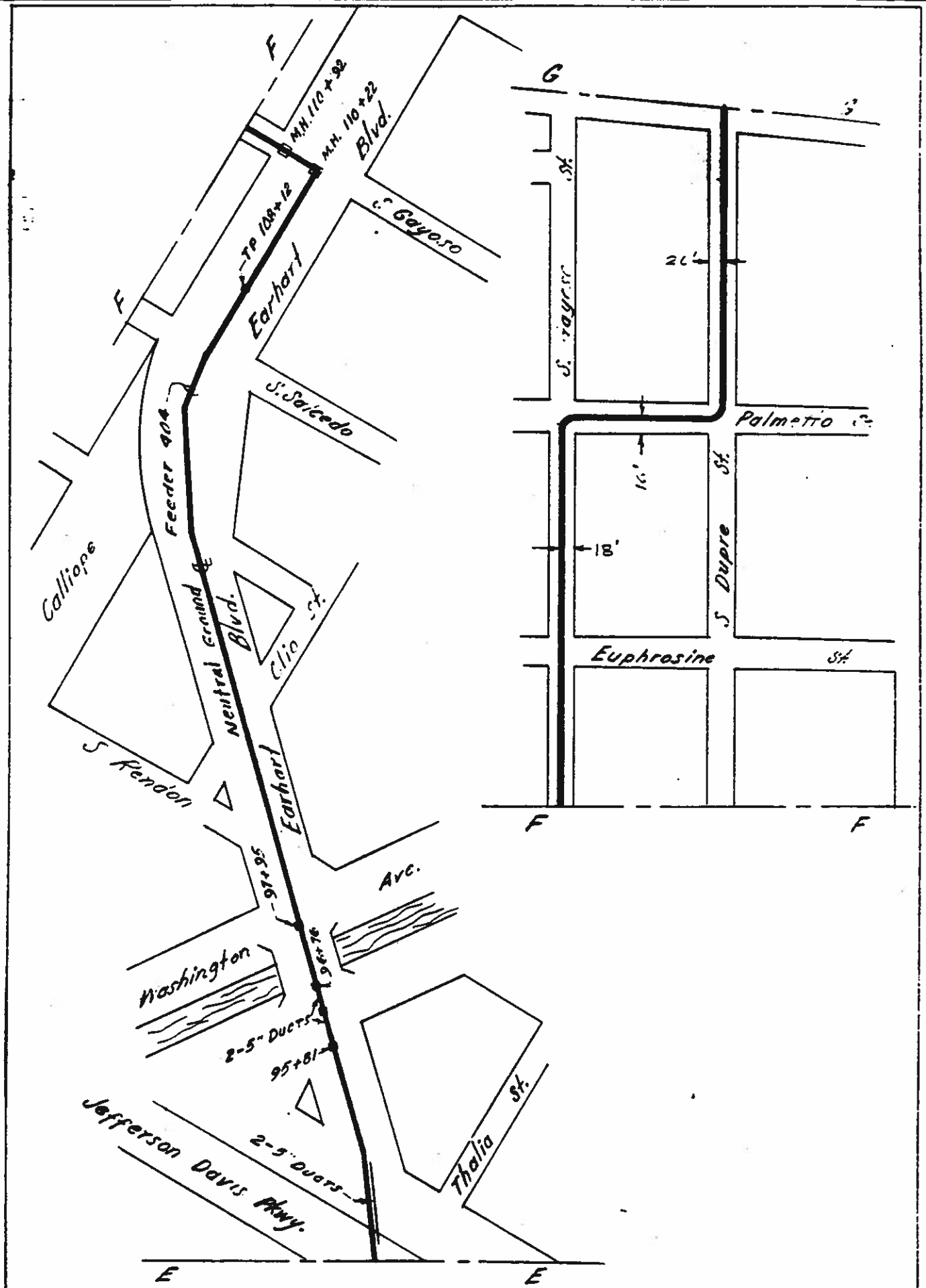
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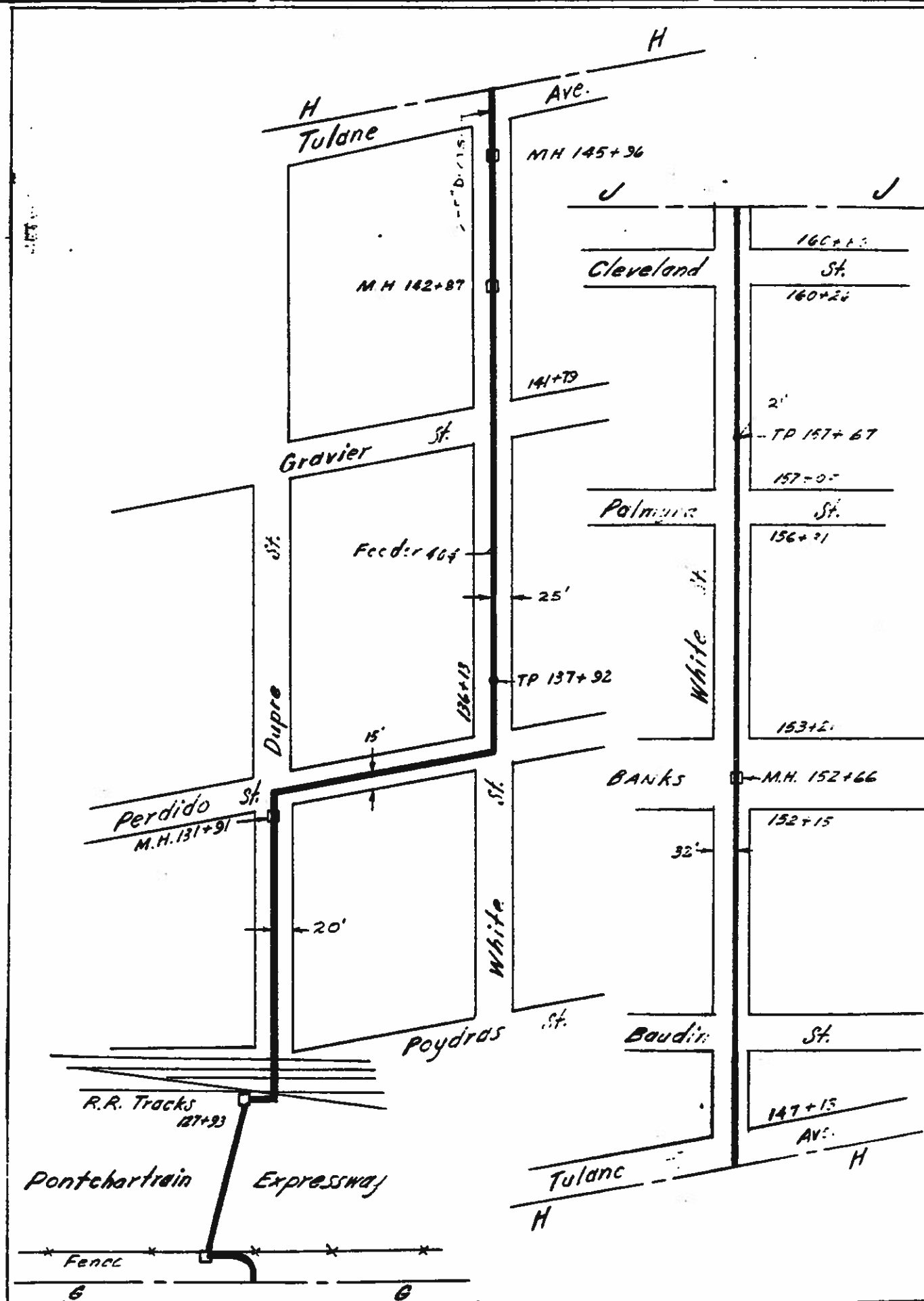
From Power House # 2

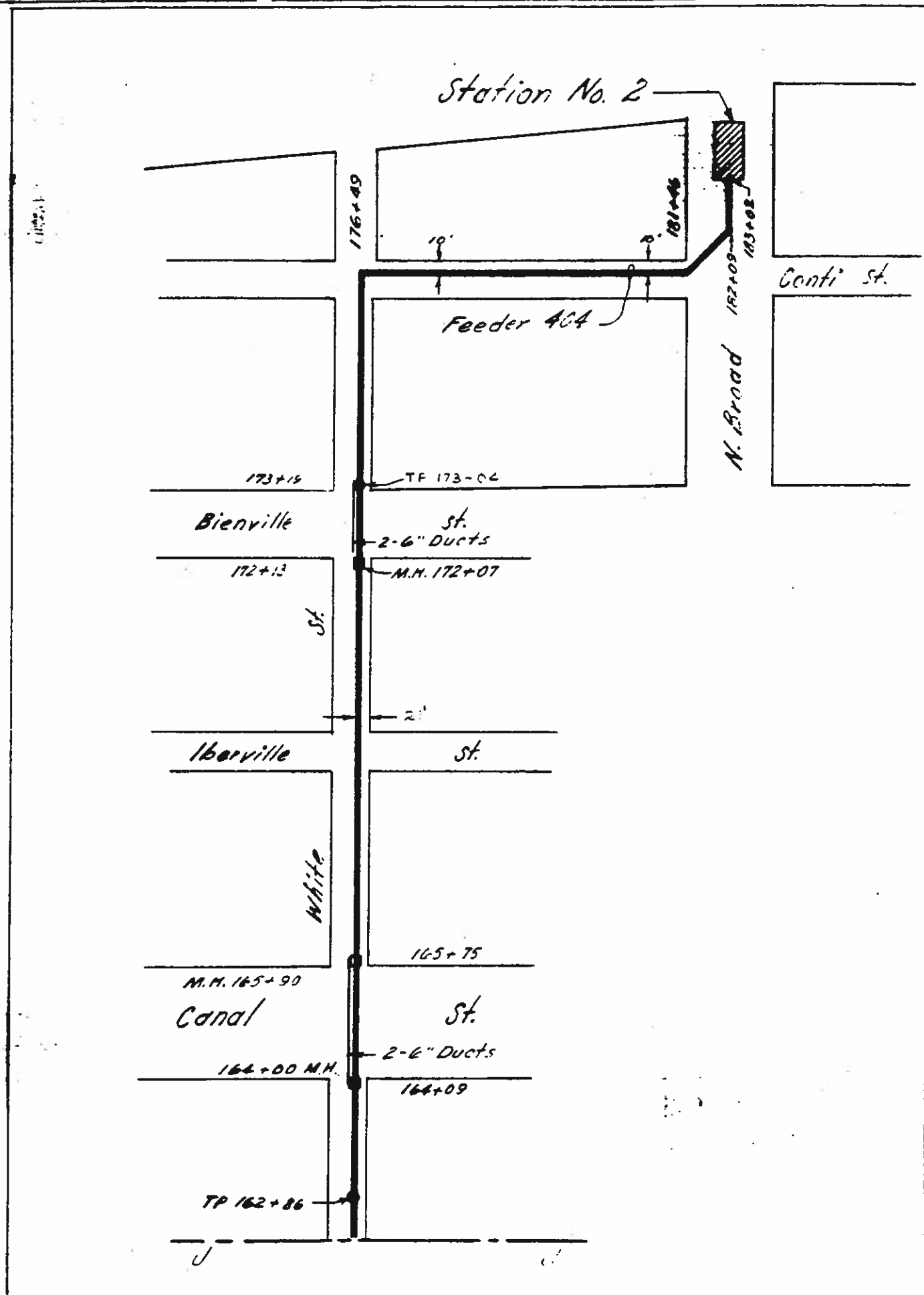
JOB NO. _____

To Station 2

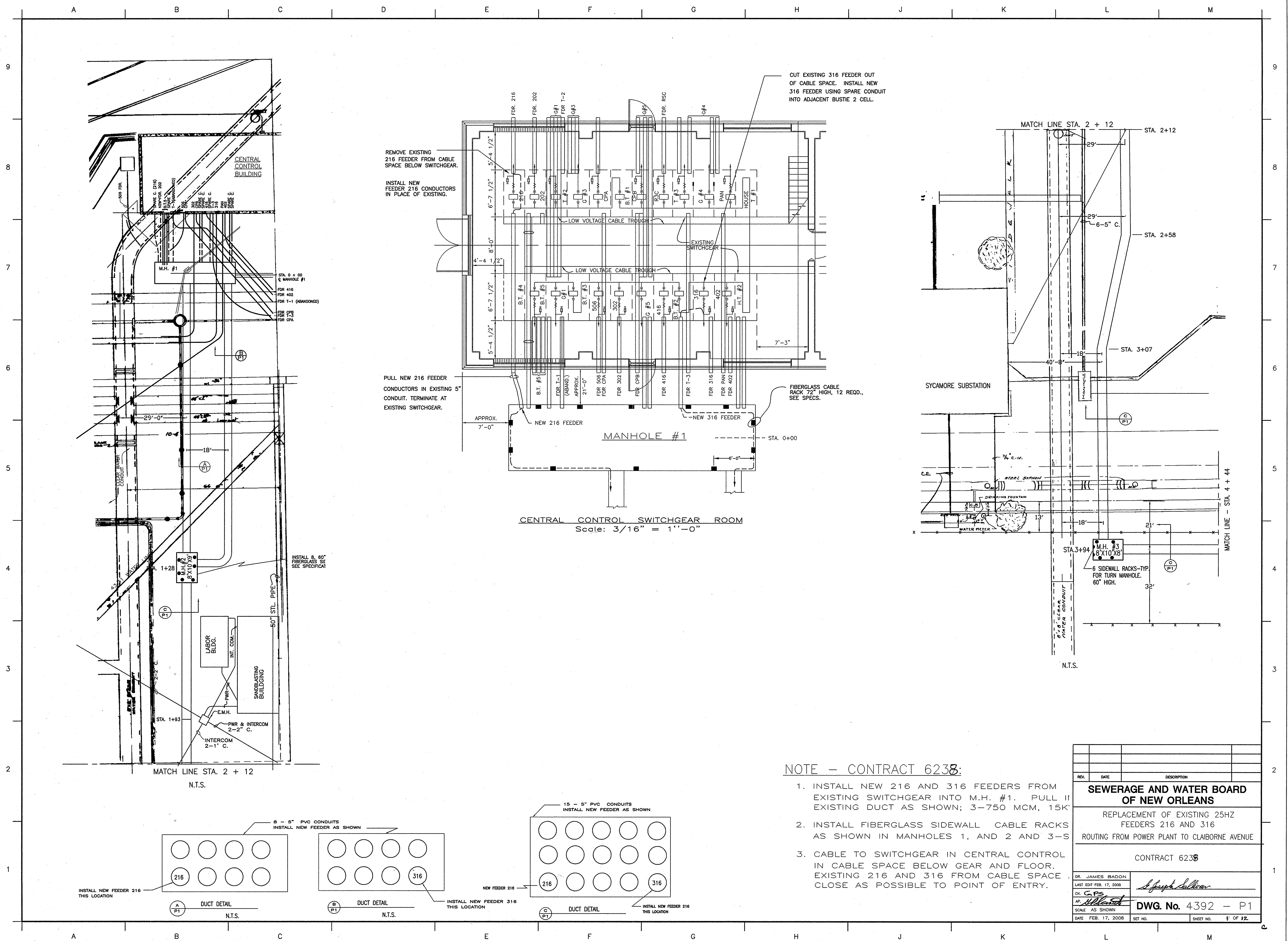


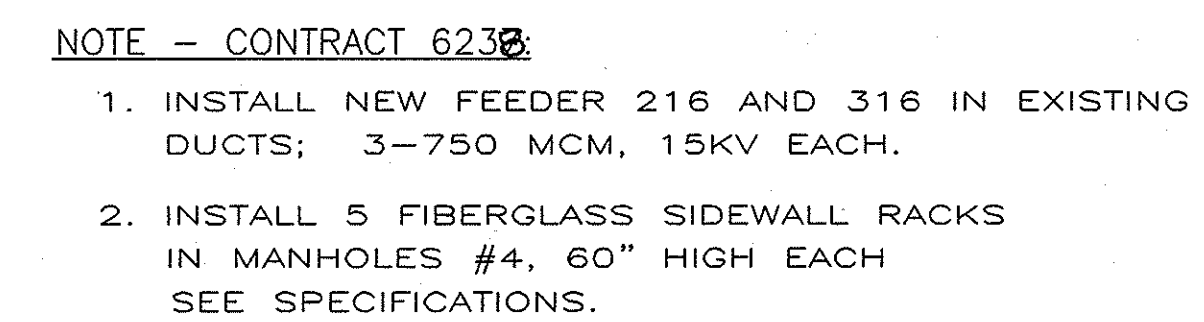
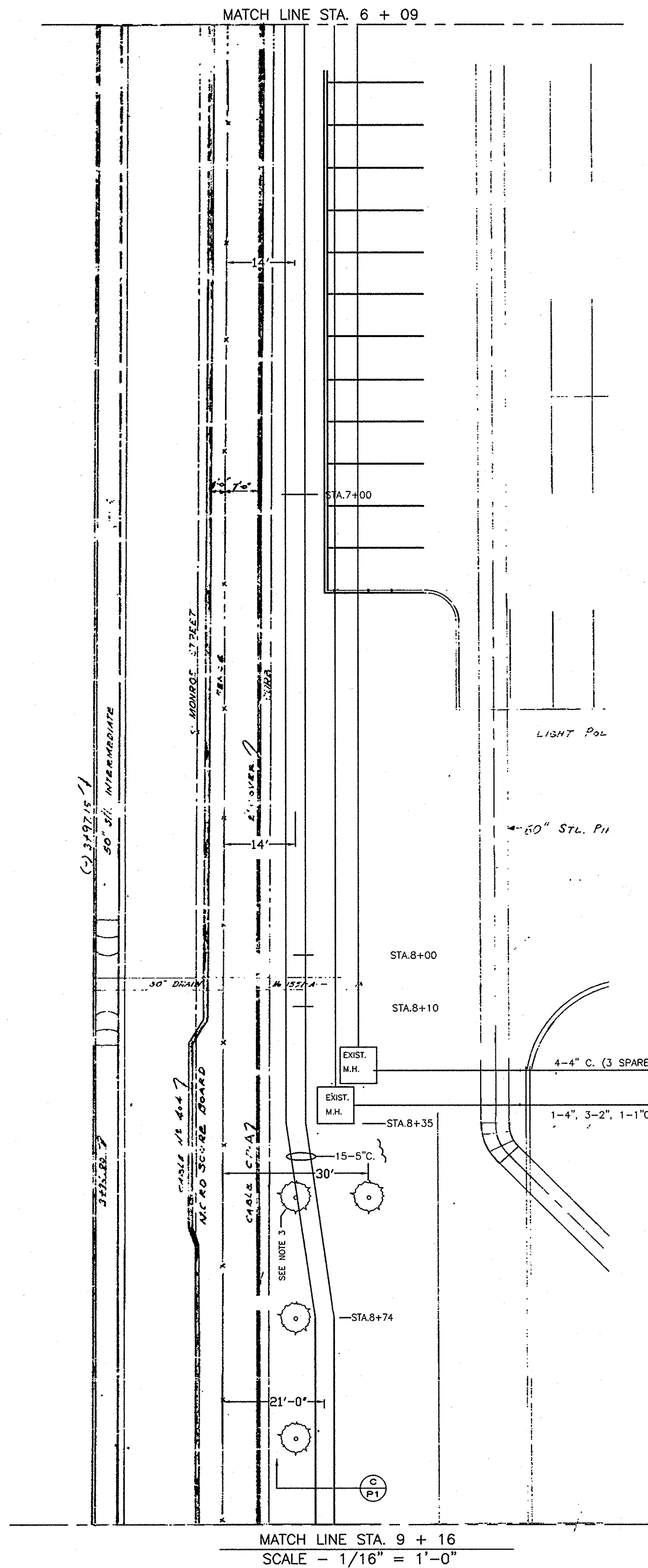




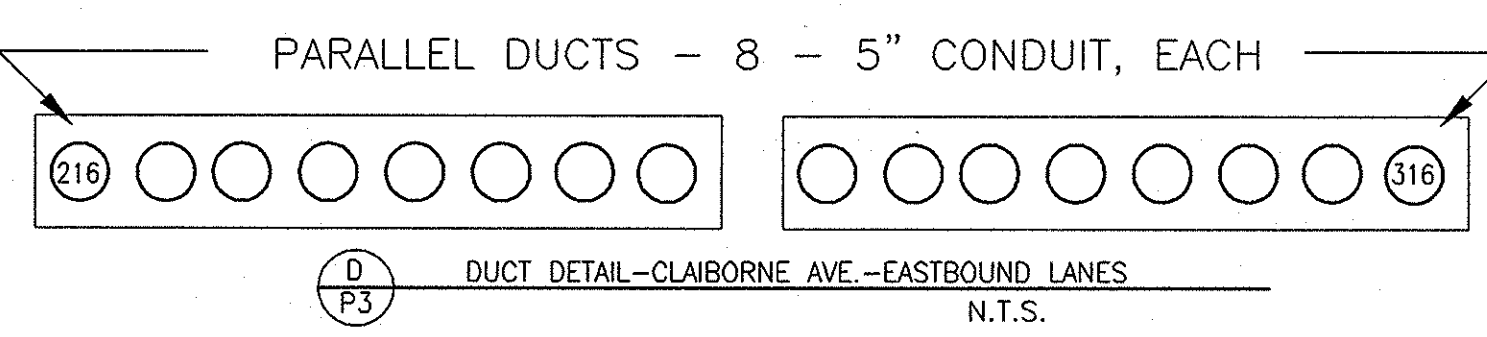
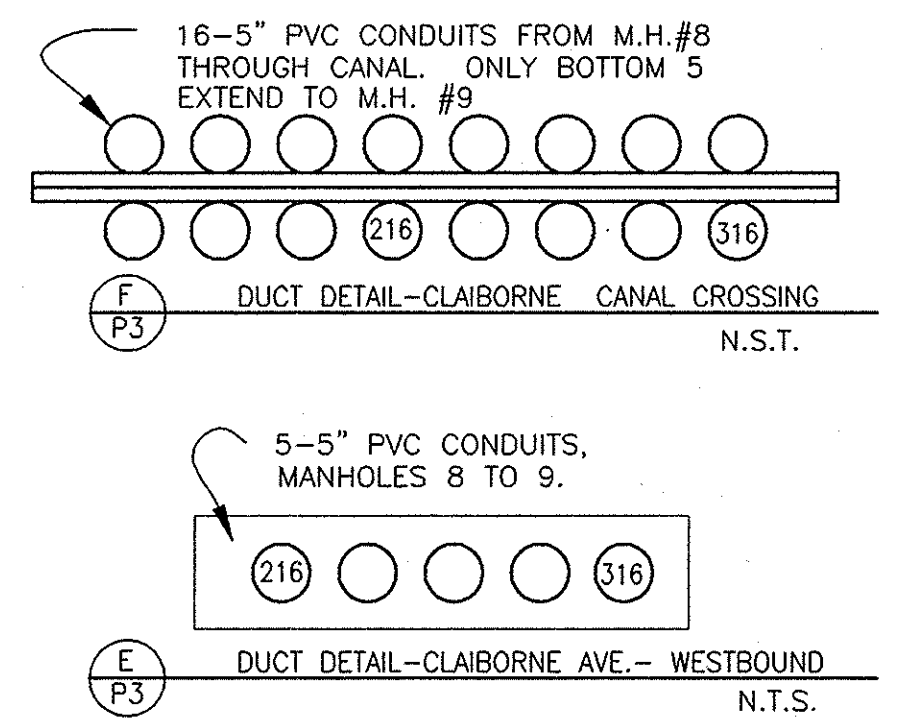
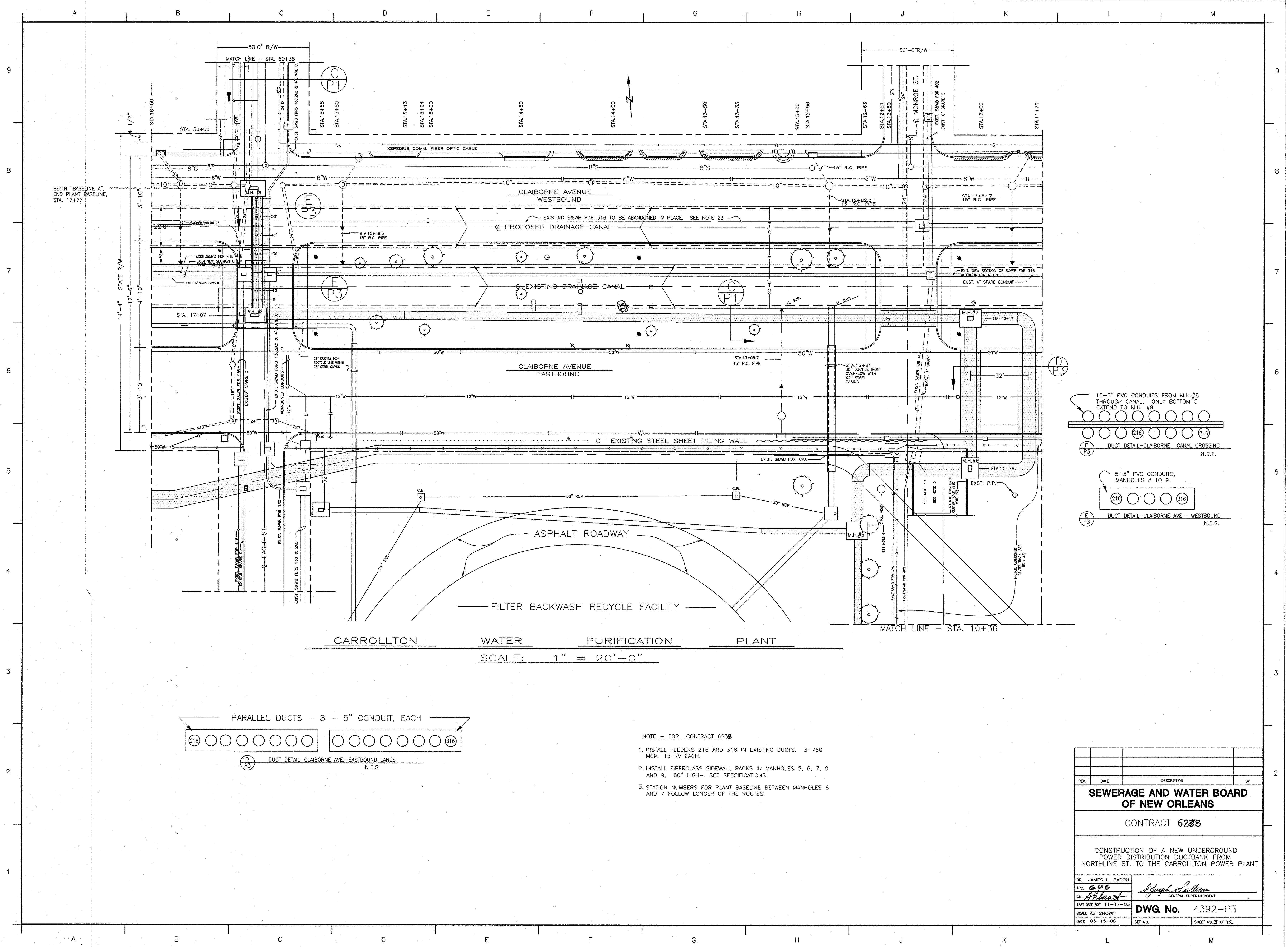


AS-BUILT MAPS FOR FEEDER 416



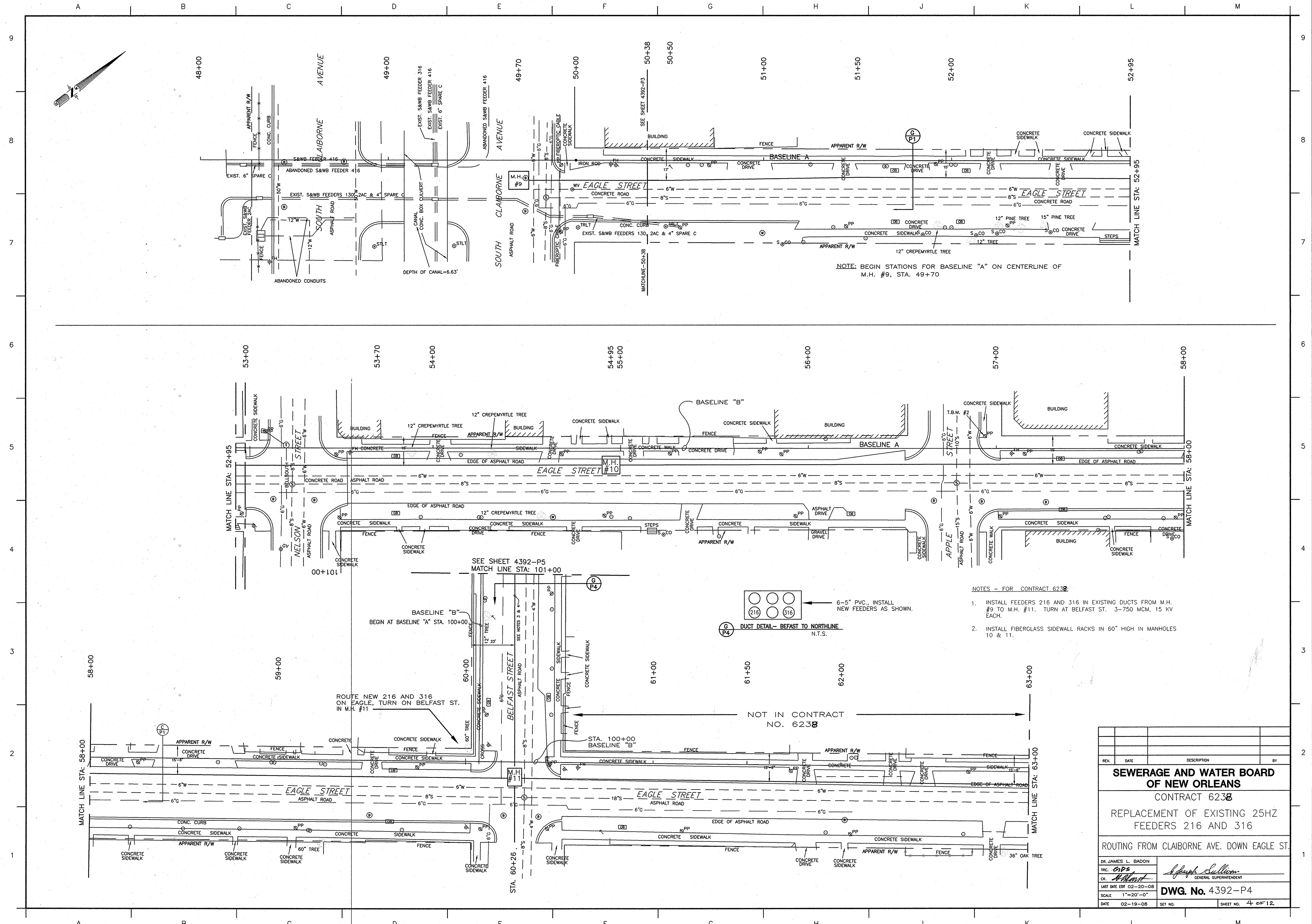


REV.	DATE	DESCRIPTION	
<p align="center">SEWERAGE AND WATER BOARD OF NEW ORLEANS</p>			
<p align="center">REPLACEMENT OF EXISTING 25HZ FEEDERS 216 AND 316 ROUTING FROM POWER PLANT TO CLAIBORNE AVENUE</p>			
<p align="center">CONTRACT 6238</p>			
DR. JAMES BADON LAST EDIT MARCH 20, 2008 C: GPS N: <i>John L. L...</i> SCALE 1/16"=1'-0"		<i>E. Joseph Sullivan</i> <p align="center">DWG. No. 4392 — P2</p>	
DATE FEB. 17, 2008		SET NO.	SHEET NO. 2 OF 12

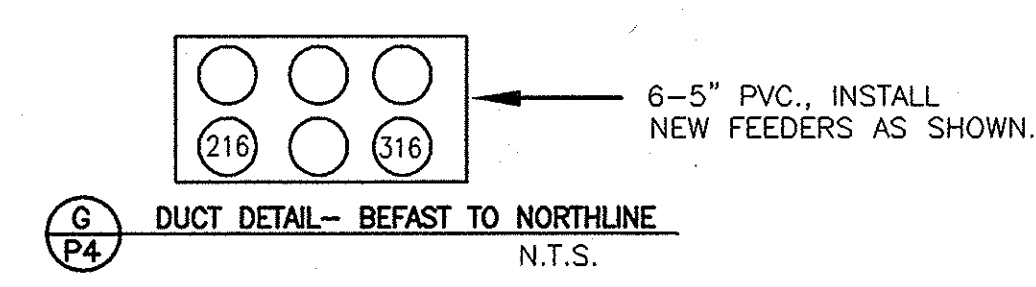


- NOTE - FOR CONTRACT 6238
1. INSTALL FEEDERS 216 AND 316 IN EXISTING DUCTS. 3-750 MCM. 15 KV EACH.
 2. INSTALL FIBERGLASS SIDEWALL RACKS IN MANHOLES 5, 6, 7, 8 AND 9. 60\"
 3. STATION NUMBERS FOR PLANT BASELINE BETWEEN MANHOLES 6 AND 7 FOLLOW LONGER OF THE ROUTES.

REV.	DATE	DESCRIPTION	BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
CONTRACT 6238			
CONSTRUCTION OF A NEW UNDERGROUND POWER DISTRIBUTION DUCTBANK FROM NORTHLINE ST. TO THE CARROLLTON POWER PLANT			
DR. JAMES L. BADON TRC. <i>GPS</i> CK. <i>BP</i> LAST DATE ED. 11-17-03 SCALE AS SHOWN DATE 03-15-08		<i>Joseph Sullivan</i> GENERAL SUPERINTENDENT DWG. No. 4392-P3 SET NO. SHEET NO. 3 OF 12	

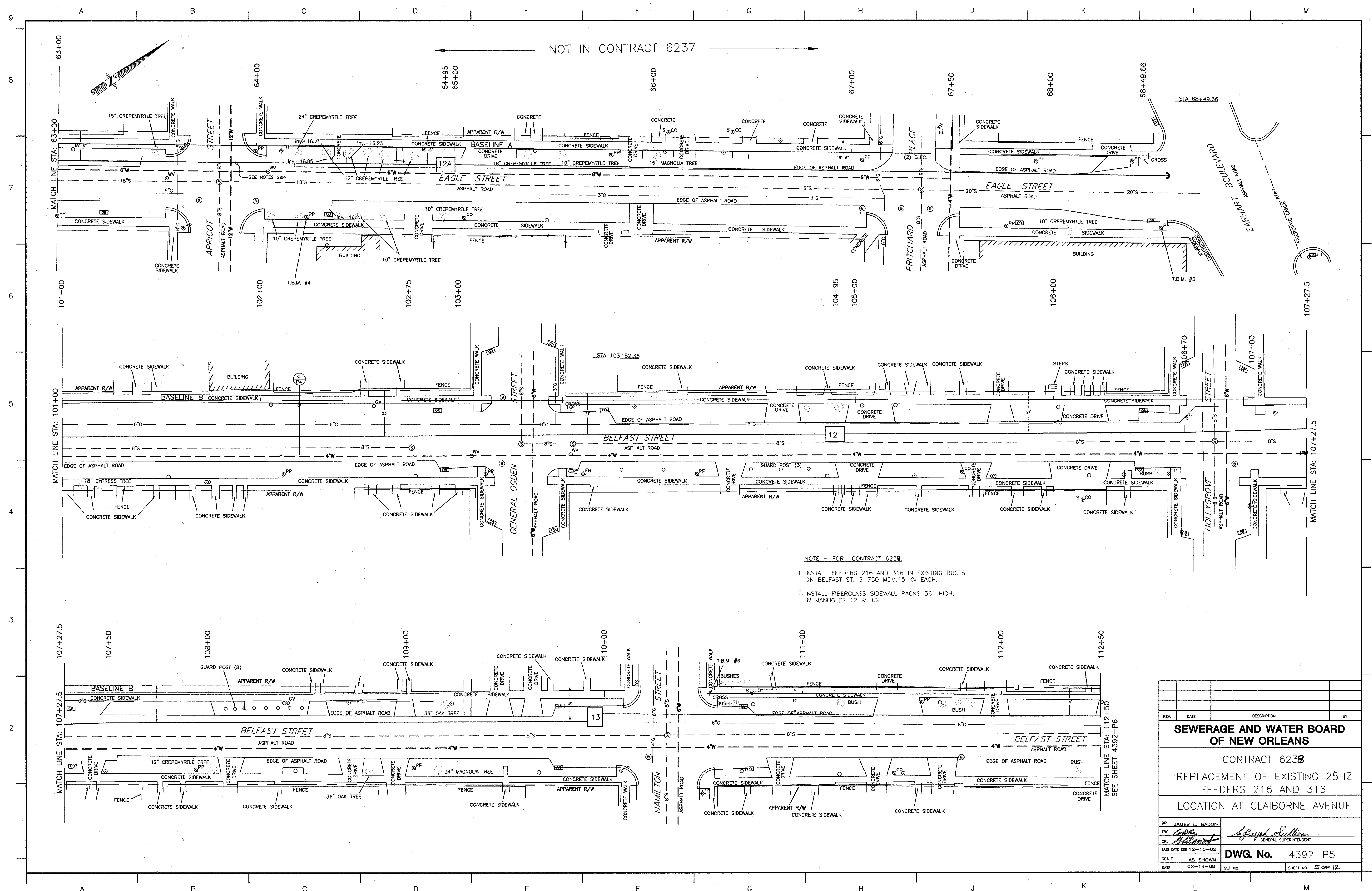




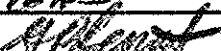
NOTE: BEGIN STATIONS FOR BASELINE "A" ON CENTERLINE OF M.H. #9, STA. 49+70

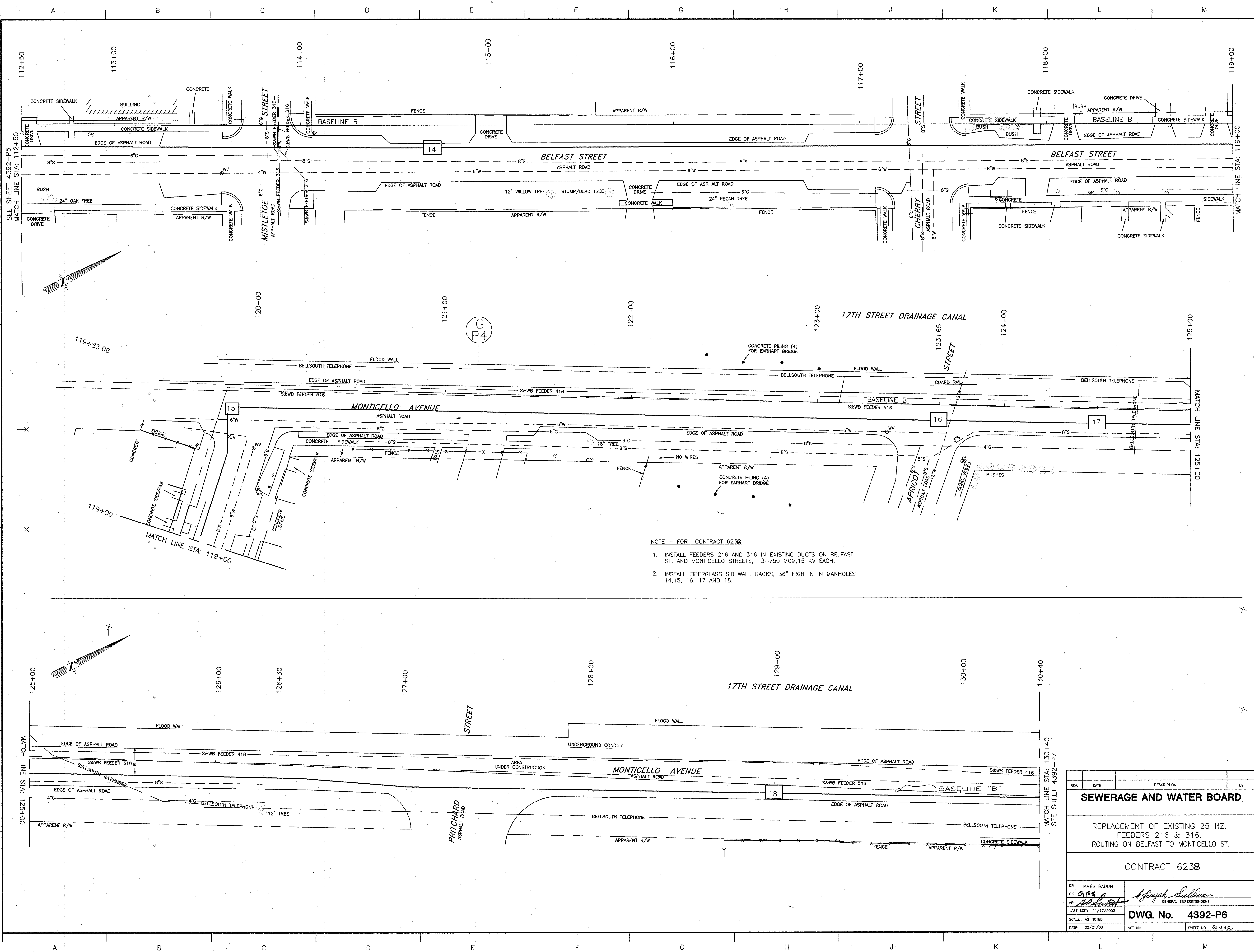


- NOTES - FOR CONTRACT 6238:
1. INSTALL FEEDERS 216 AND 316 IN EXISTING DUCTS FROM M.H. #9 TO M.H. #11. TURN AT BELFAST ST. 3-750 MCM, 15 KV EACH.
 2. INSTALL FIBERGLASS SIDEWALL RACKS IN 60" HIGH IN MANHOLES 10 & 11.

SEWERAGE AND WATER BOARD OF NEW ORLEANS			
CONTRACT 6238			
REPLACEMENT OF EXISTING 25HZ FEEDERS 216 AND 316			
ROUTING FROM CLAIBORNE AVE. DOWN EAGLE ST.			
DR. JAMES L. BADON	<i>James L. Badon</i> GENERAL SUPERINTENDENT		
TRC: <i>GPS</i>	DWG. No. 4392-P4		
CK: <i>Robert</i>	SCALE: 1"=20'-0"		
LAST DATE TDR 02-20-08	DATE 02-19-08		
SET NO.	SHEET NO. 4 OF 12		



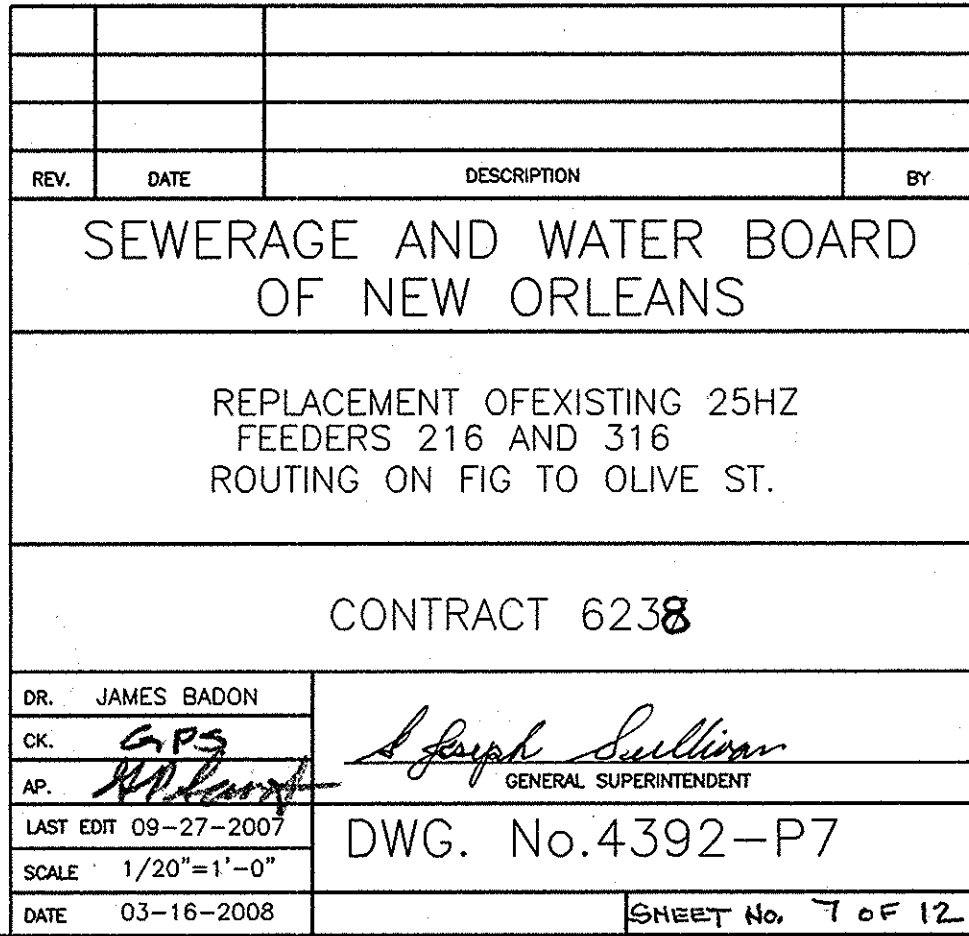
REV.	DATE	DESCRIPTION	BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
CONTRACT 6238			
REPLACEMENT OF EXISTING 25HZ FEEDERS 216 AND 316			
LOCATION AT CLAIBORNE AVENUE			
DR.	JAMES L. RADON		 GENERAL SUPERINTENDENT
TRC.			
CK.			
LAST DATE EDIT 12-15-02			
DWG. No.		4392-P5	
SCALE	AS SHOWN		SHEET NO. 5 OF 12
DATE	02-19-08		
SET NO.			

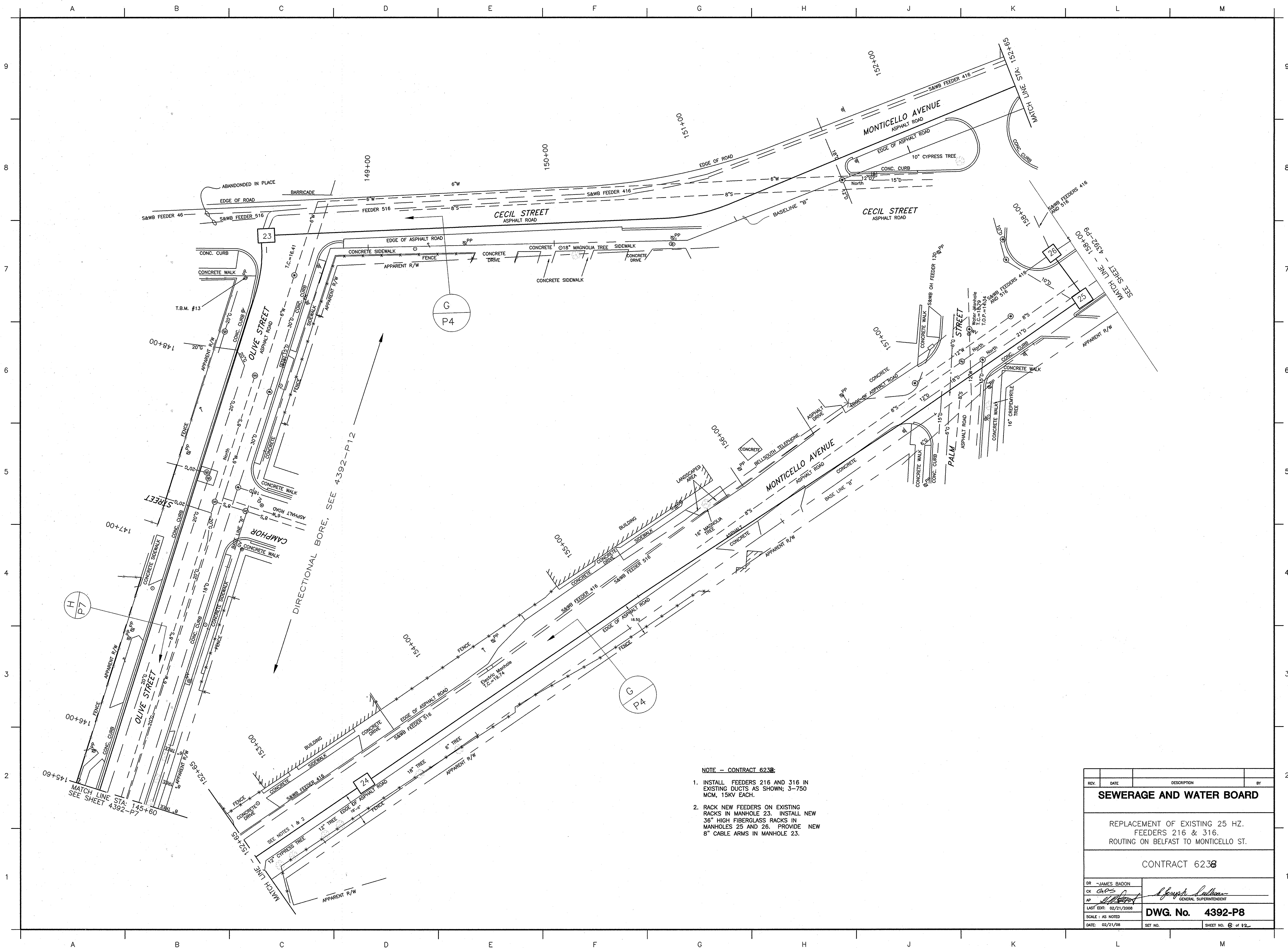


NOTE - FOR CONTRACT 6238:

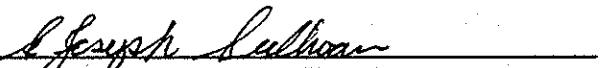
1. INSTALL FEEDERS 216 AND 316 IN EXISTING DUCTS ON BELFAST ST. AND MONTICELLO STREETS, 3-750 MCM, 15 KV EACH.
2. INSTALL FIBERGLASS SIDEWALL RACKS, 36" HIGH IN IN MANHOLES 14, 15, 16, 17 AND 18.

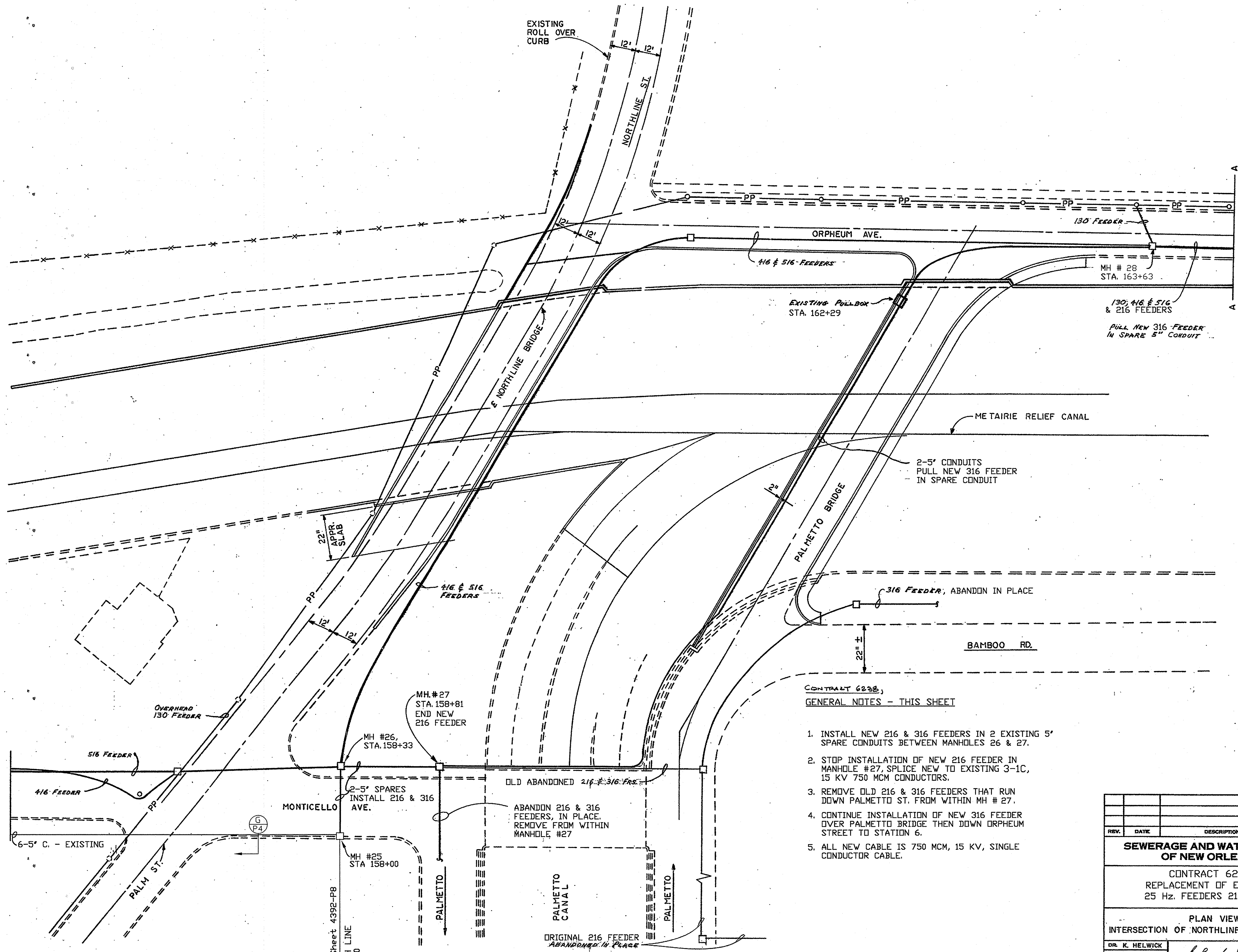
REV.	DATE	DESCRIPTION	BY
SEWERAGE AND WATER BOARD			
REPLACEMENT OF EXISTING 25 HZ. FEEDERS 216 & 316. ROUTING ON BELFAST TO MONTICELLO ST.			
CONTRACT 6238			
DR - JAMES BADON	 GENERAL SUPERINTENDENT		
CK -			
AP -			
LAST EDIT: 11/17/2003			
SCALE: AS NOTED		DWG. No. 4392-P6	
DATE: 02/21/08	SET NO.	SHEET NO. 6 of 12	





- NOTE - CONTRACT 6238:**
1. INSTALL FEEDERS 216 AND 316 IN EXISTING DUCTS AS SHOWN; 3-750 MCM, 15KV EACH.
 2. RACK NEW FEEDERS ON EXISTING RACKS IN MANHOLE 23. INSTALL NEW 36" HIGH FIBERGLASS RACKS IN MANHOLES 25 AND 26. PROVIDE NEW 8" CABLE ARMS IN MANHOLE 23.

REV.	DATE	DESCRIPTION	BY
SEWERAGE AND WATER BOARD			
REPLACEMENT OF EXISTING 25 HZ. FEEDERS 216 & 316. ROUTING ON BELFAST TO MONTICELLO ST.			
CONTRACT 6238			
DR - JAMES BADON		 GENERAL SUPERINTENDENT	
CK <i>GOS</i>			
AP <i>[Signature]</i>			
LAST EDIT: 02/21/2008		DWG. No. 4392-P8	
SCALE : AS NOTED			
DATE: 02/21/08			
SET NO.		SHEET NO. 8 of 12	

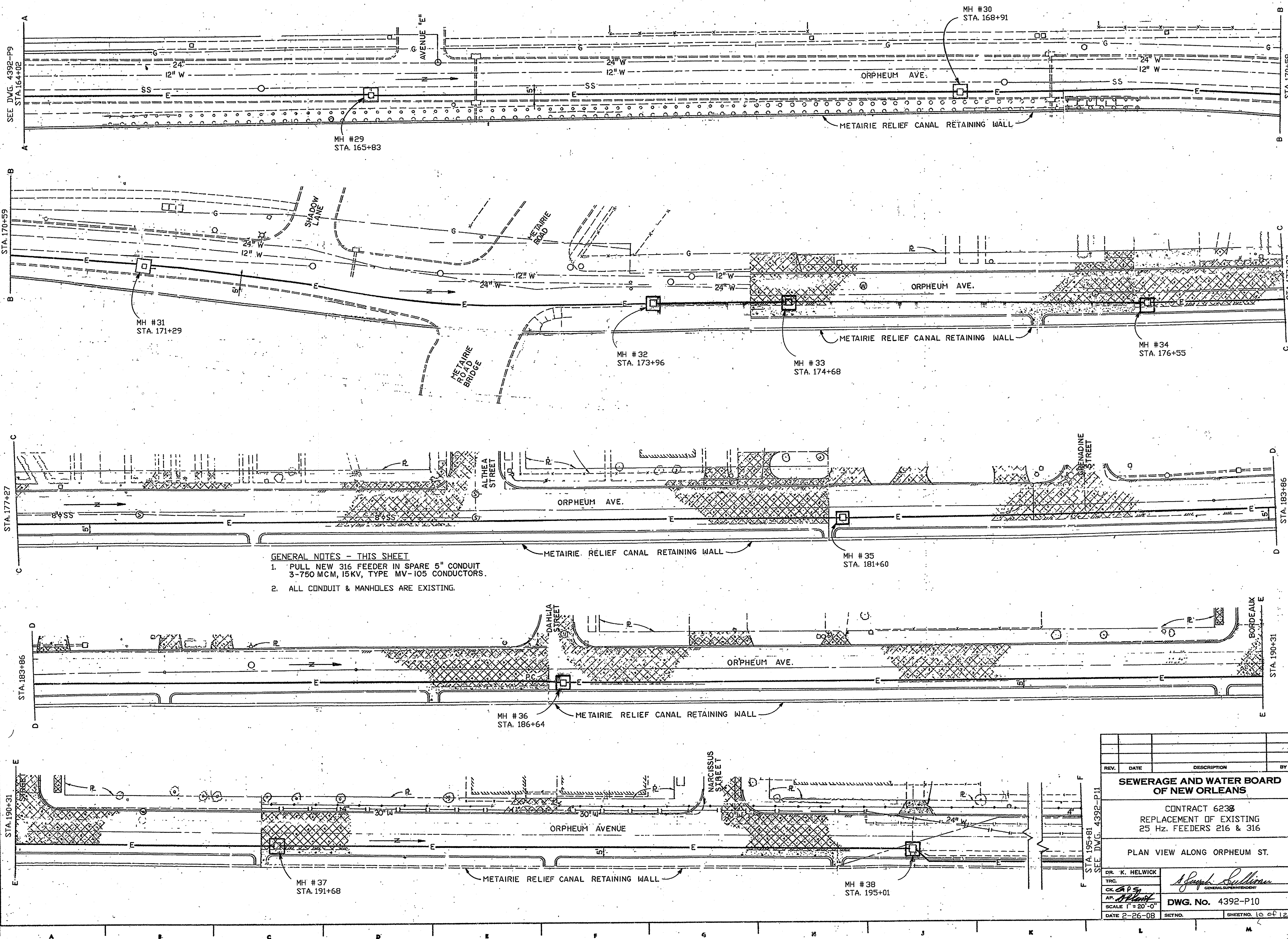


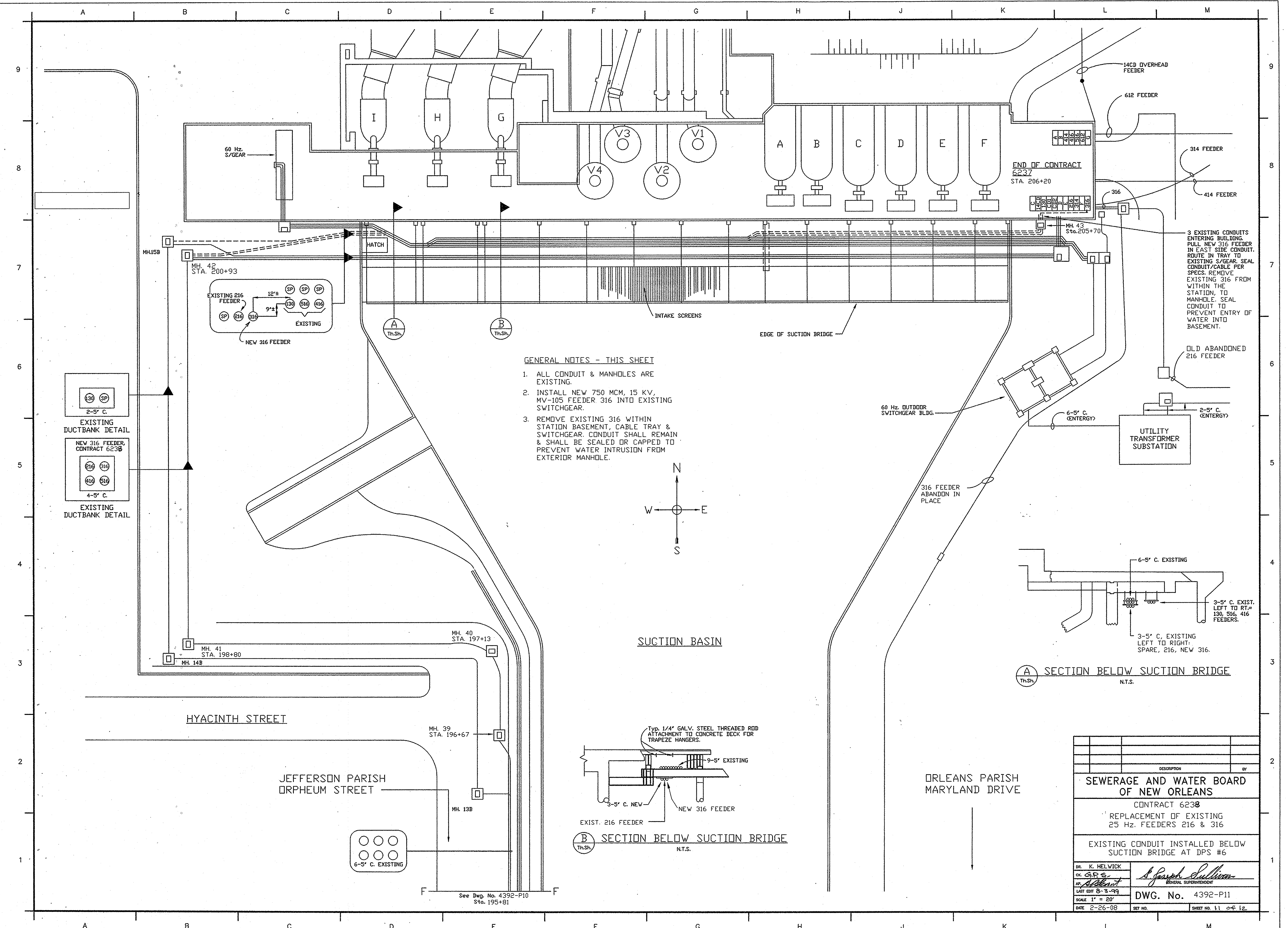
CONTRACT 6238
GENERAL NOTES - THIS SHEET

1. INSTALL NEW 216 & 316 FEEDERS IN 2 EXISTING 5' SPARE CONDUITS BETWEEN MANHOLES 26 & 27.
2. STOP INSTALLATION OF NEW 216 FEEDER IN MANHOLE #27, SPLICE NEW TO EXISTING 3-1C, 15 KV 750 MCM CONDUCTORS.
3. REMOVE OLD 216 & 316 FEEDERS THAT RUN DOWN PALMETTO ST. FROM WITHIN MH #27.
4. CONTINUE INSTALLATION OF NEW 316 FEEDER OVER PALMETTO BRIDGE THEN DOWN ORPHEUM STREET TO STATION 6.
5. ALL NEW CABLE IS 750 MCM, 15 KV, SINGLE CONDUCTOR CABLE.

REV.	DATE	DESCRIPTION	BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS CONTRACT 6238 REPLACEMENT OF EXISTING 25 Hz. FEEDERS 216 & 316 PLAN VIEW INTERSECTION OF NORTHLINE & ORPHEUM STS.			
DR. K. HELWICK TRC. CK. 6.03 AP. <i>[Signature]</i> SCALE 1" = 20'-0" DATE 2-25-08		<i>[Signature]</i> GENERAL SUPERINTENDENT DWG. No. 4392-P9 SET NO. SHEET NO. 9 of 12	

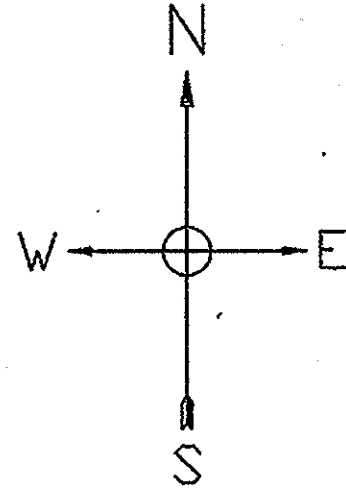
STA. 164+02
SEE DWG. 4392-P10



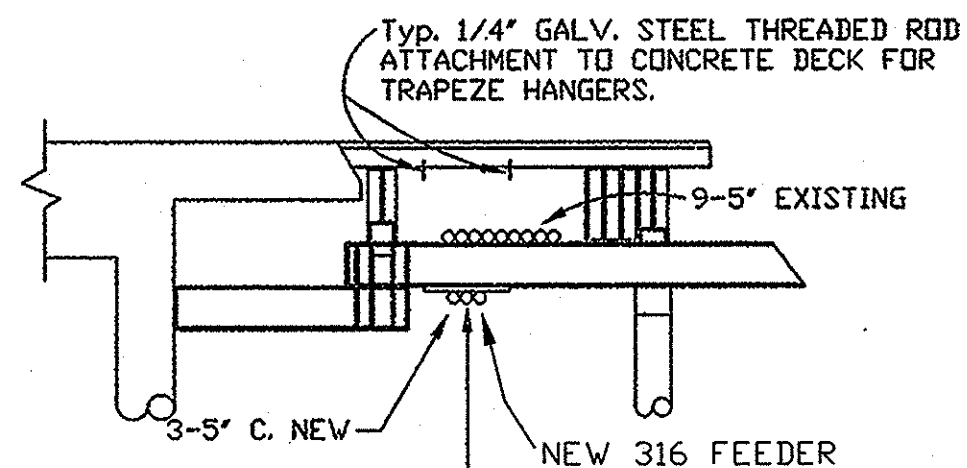


GENERAL NOTES - THIS SHEET

1. ALL CONDUIT & MANHOLES ARE EXISTING.
2. INSTALL NEW 750 MCM, 15 KV, MV-105 FEEDER 316 INTO EXISTING SWITCHGEAR.
3. REMOVE EXISTING 316 WITHIN STATION BASEMENT, CABLE TRAY & SWITCHGEAR. CONDUIT SHALL REMAIN & SHALL BE SEALED OR CAPPED TO PREVENT WATER INTRUSION FROM EXTERIOR MANHOLE.



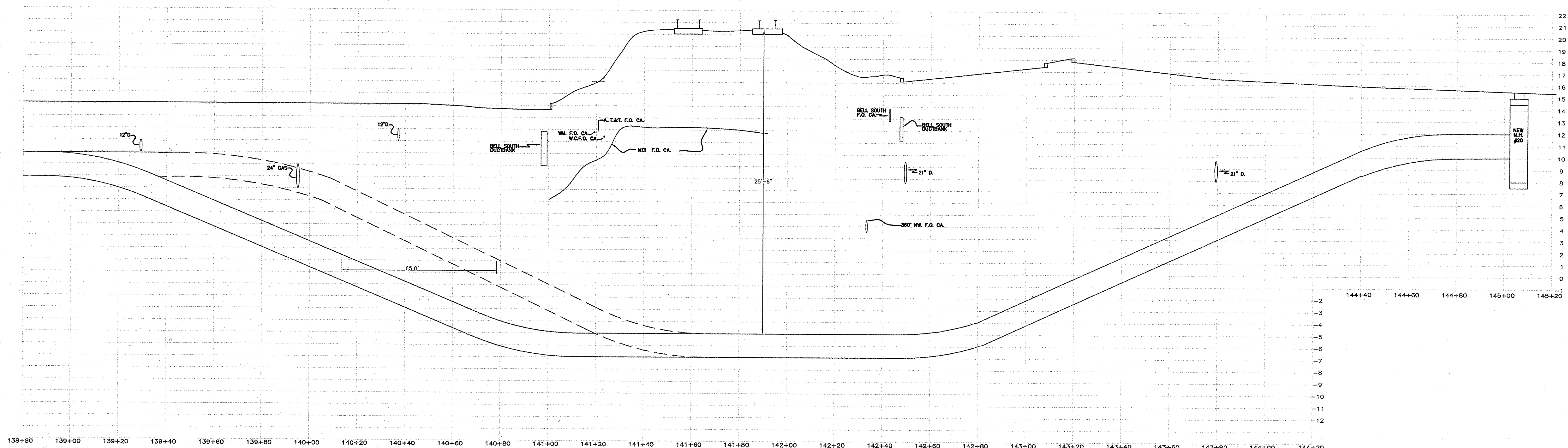
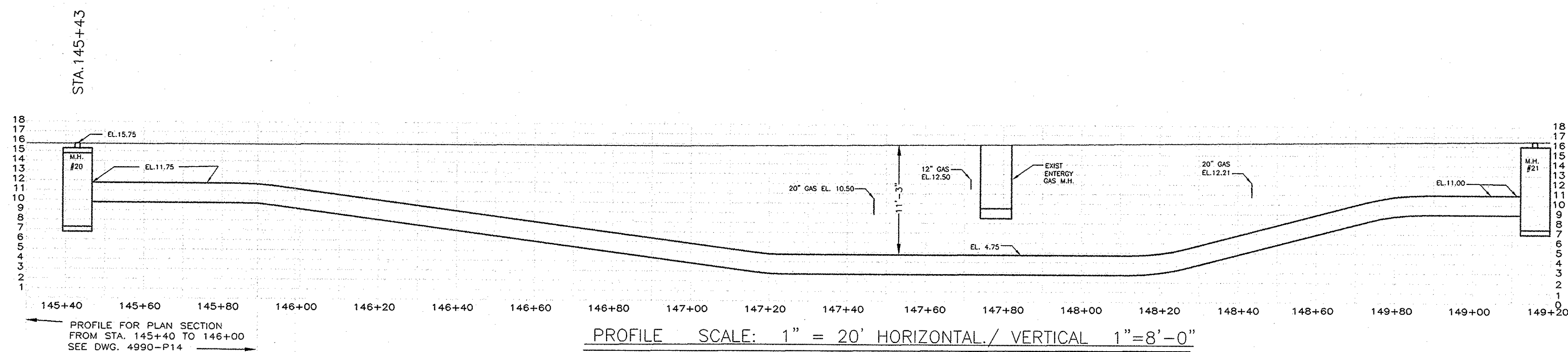
SUCTION BASIN



SECTION BELOW SUCTION BRIDGE

SECTION BELOW SUCTION BRIDGE

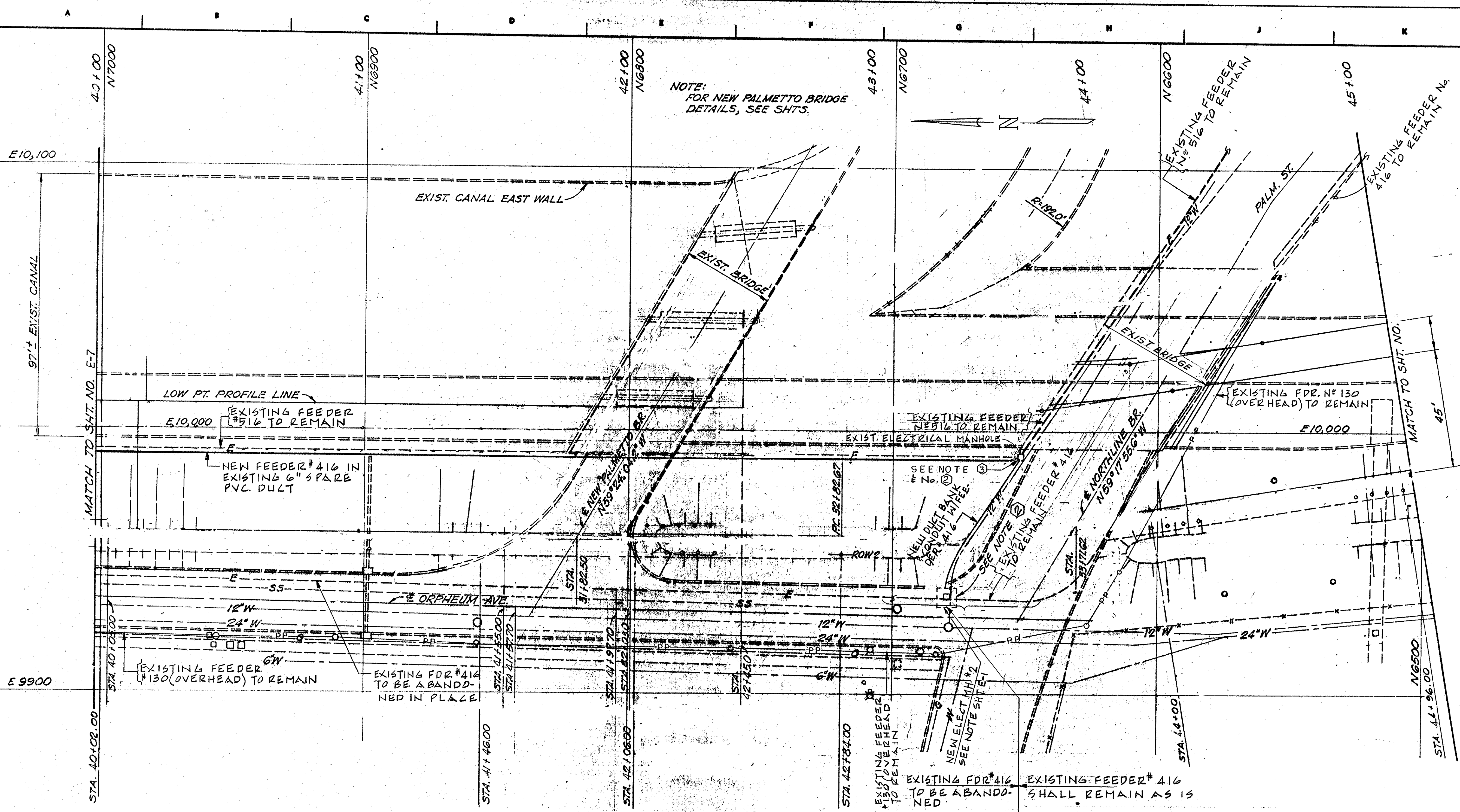
DESCRIPTION		BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS		
CONTRACT 6238		
REPLACEMENT OF EXISTING 25 Hz. FEEDERS 216 & 316		
EXISTING CONDUIT INSTALLED BELOW SUCTION BRIDGE AT DPS #6		
DR. K. HELVICK	OK. G.P.S.	<i>Joseph Sullivan</i> GENERAL SUPERINTENDENT
AP. <i>Sullivan</i>	LAST EDIT 8-3-99	
SCALE 1" = 20'	DWG. No. 4392-P11	
DATE 2-26-08	SET NO.	
SHEET NO. 11 of 12		



P14
A

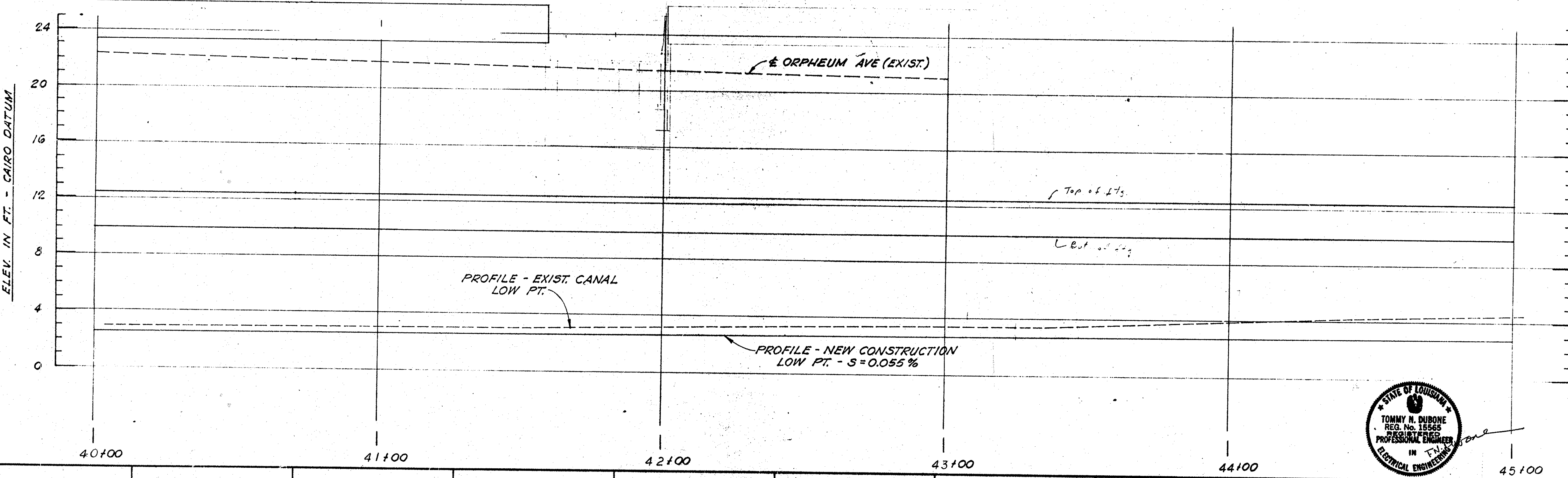
PROFILES OF EXISTING DUCTBANK BORES - FOR CONTRACTOR INFORMATION ONLY.

REV.	DATE	DESCRIPTION	BY
SEWERAGE AND WATER BOARD			
REPLACEMENT OF EXISTING 25HZ FEEDERS 216 AND 316 ROUTING FROM POWER PLANT TO CLAIBORNE AVENUE			
CONTRACT 6238			
DR. JAMES BADON	CK. SPS	AP. <i>[Signature]</i>	GENERAL SUPERINTENDENT
LAST EDD: 11/17/2003		DWG. No. 4392-P12	
SCALE: AS SHOWN		DATE: FEB. 17, 2008 SET NO. SHEET NO. 12 of 12	

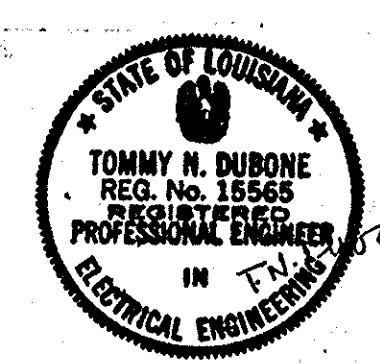


- NOTES:
- CONTRACTOR SHALL INSTALL THE NEW FEEDER #416 IN THE SPARE DUCT AS SHOWN ON THESE PLANS PRIOR TO DE-ENERGIZING FEEDER #416. CONTRACTOR IS LIMITED TO ONLY 3 HRS FOR FEEDER CROSSOVER OR CABLE DOWN TIME.
 - INSTALL NEW FEEDER #416 AND DUCT BANK TO CONNECT WITH NEW MANHOLE OVER FEEDER #416. SPLICE NEW SECTION OF FEEDER #416 IN NEW MANHOLE WITH TRIFURCATING SPLICE. SPLICE IN EXISTING MANHOLE TO BE STANDARD SPLICE.
 - PROVIDE OPENINGS IN MANHOLE FOR NEW FEEDER #416 CORE OPENING AND SEAL WITH GROUT THROUGH WHEN CABLE IS PULLED INTO MANHOLE. SEE SPECIFICATIONS FOR SPLICE INSTRUCTIONS.
 - ALL WORK SHOWN ABOVE (PHASE I) IS TO BE INCLUDED IN THE BASE BID.

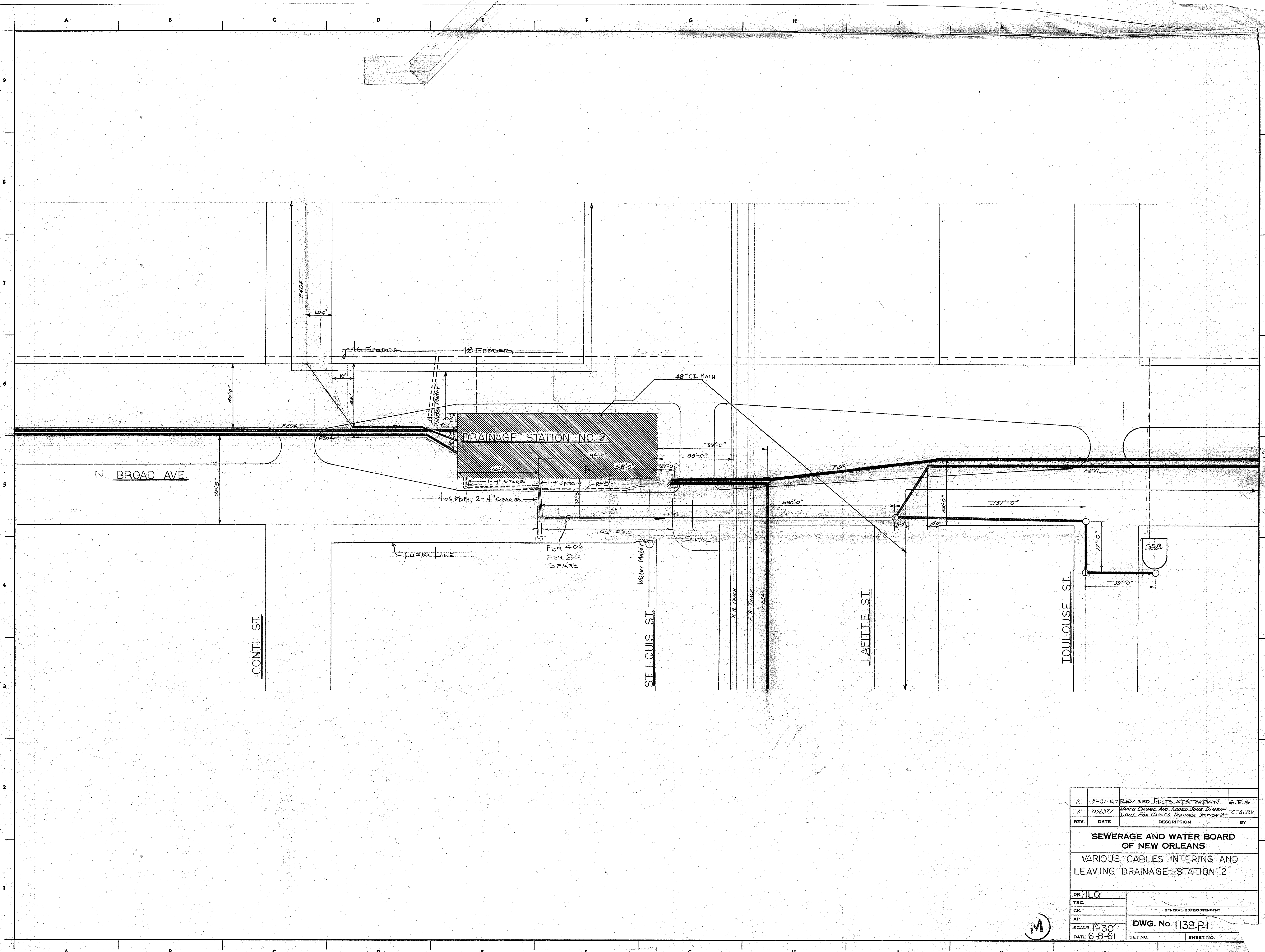
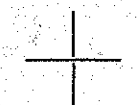
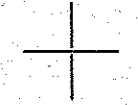
SITE PLAN-ELECTRICAL (PHASE I)
SCALE 1"=20'-0"



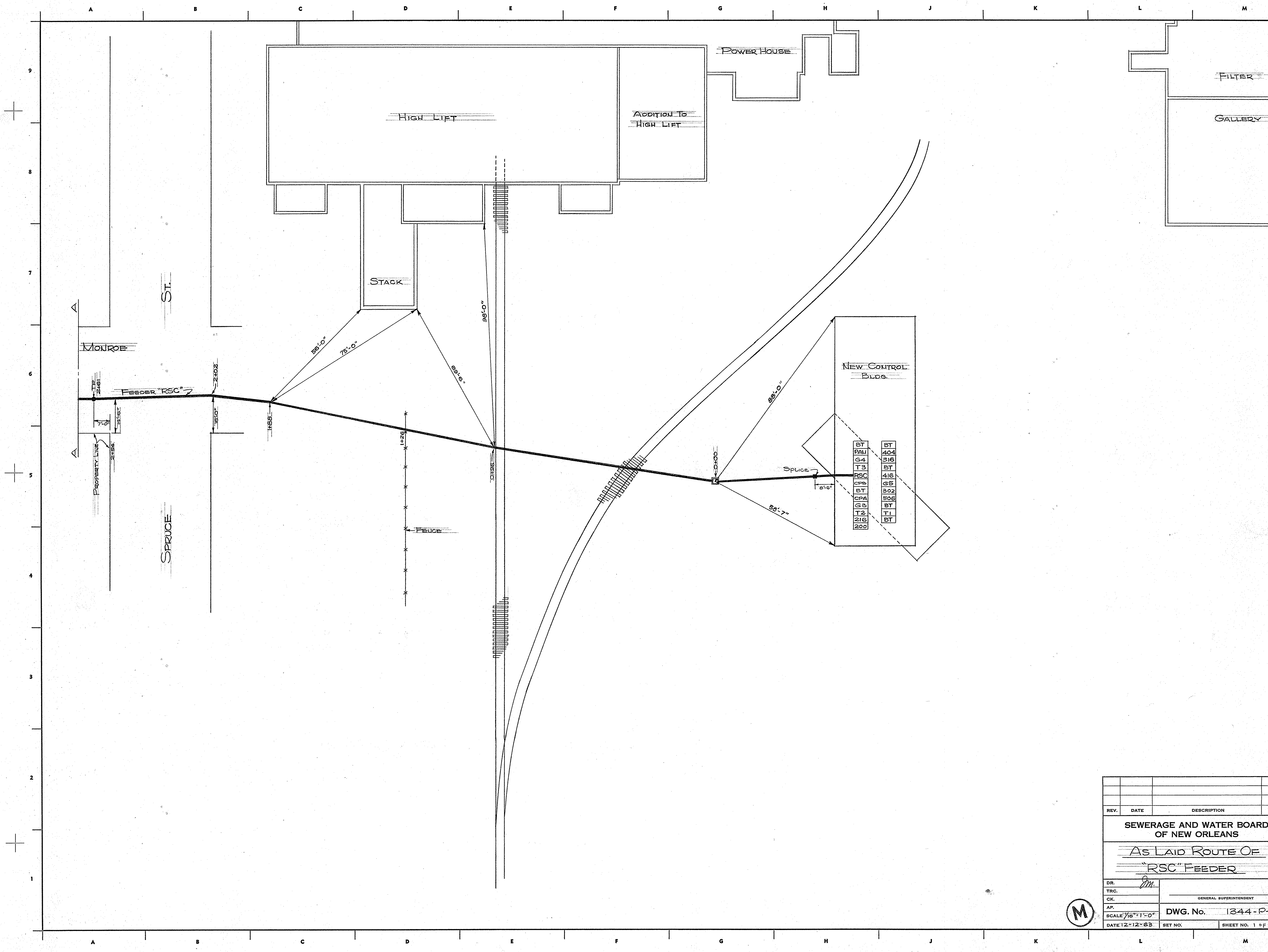
REV.	DATE	DESCRIPTION	BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
IMPROVEMENTS TO METAIRIE RELIEF CANAL CONTRACT NO. 4098			
SITE PLAN-ELECTRICAL PHASE I (BASE BID)			
DR. G.R.			
TRC. G.R.			
CK. T.D.			
AP.			
SCALE	DWG. NO. 4865 - P8		
DATE	SETNO.	SHEETNO. E-8	



AS-BUILT MAPS FOR CENTRAL CONTROL

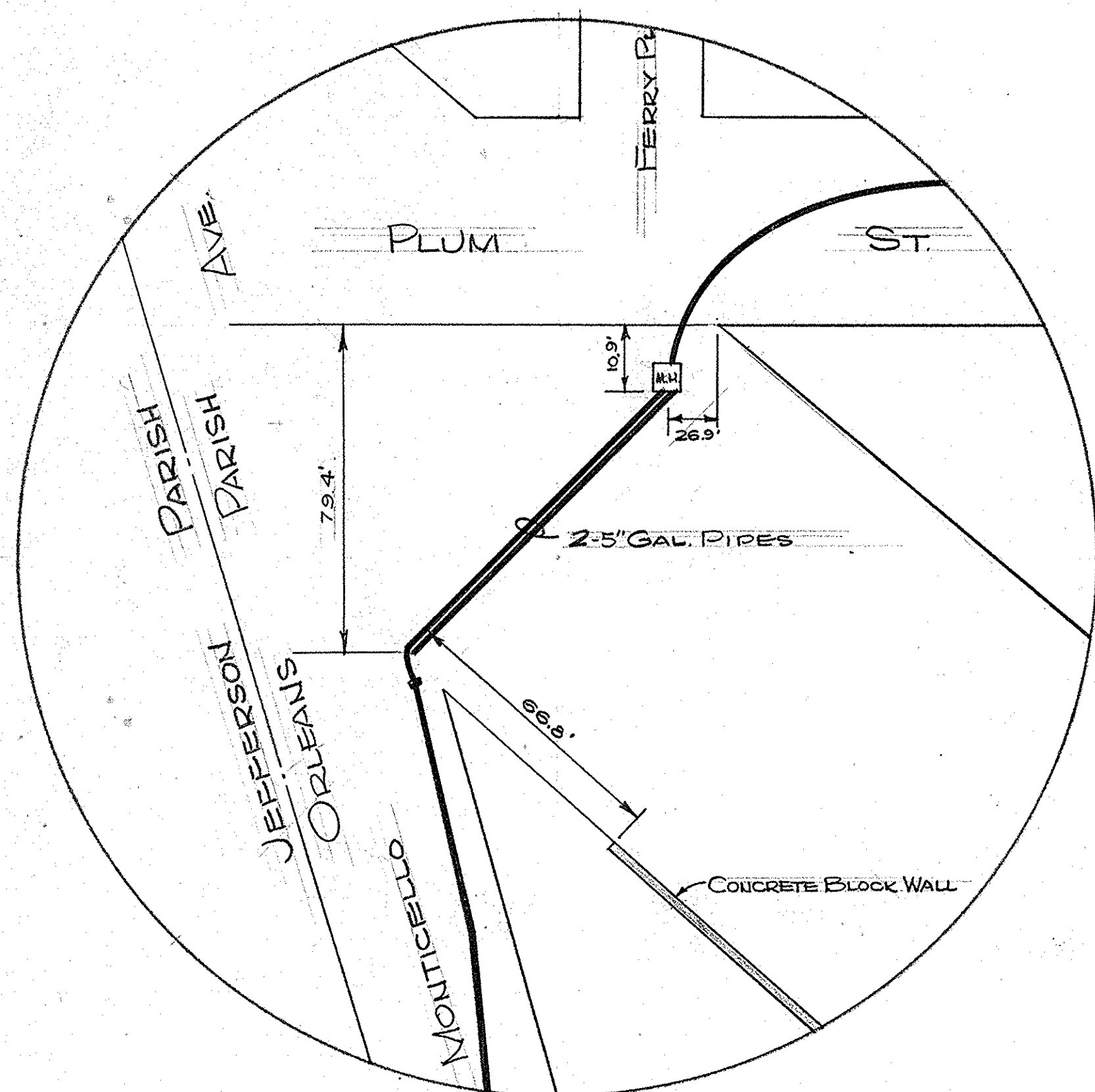


2.	3-31-87	REVISED PLOTS AT STATION	S.P.S.
1.	052377	MAKED CHANGE AND ADDED SOME DIMEN- SIONS FOR CABLES DRAINAGE STATION 2	C. B. JOU
REV.	DATE	DESCRIPTION	BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
VARIOUS CABLES ENTERING AND LEAVING DRAINAGE STATION 2			
DR.	HLQ		
TRC.			
CK.		GENERAL SUPERINTENDENT	
AP.			
SCALE	1"=30'	DWG. No. 1138.P.1	
DATE	6-8-61	SET NO.	SHEET NO.



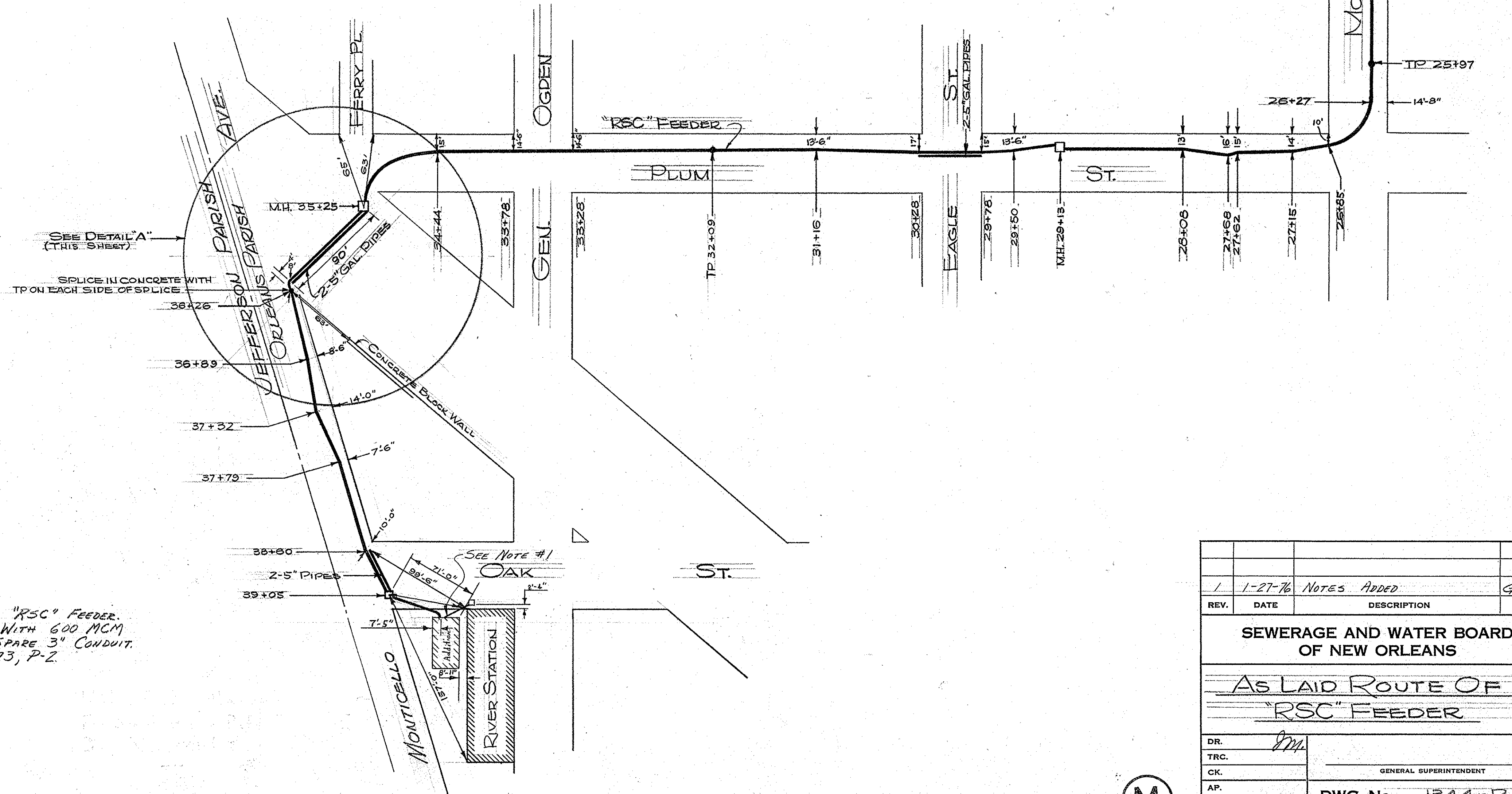
REV.	DATE	DESCRIPTION	BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
AS LAID ROUTE OF "RSC" FEEDER			
DR.	Jm		
TRC.			
CK.			
AP.			
SCALE	1/16" = 1'-0"		
DATE	12-12-63	SET NO.	SHEET NO. 1 OF 2





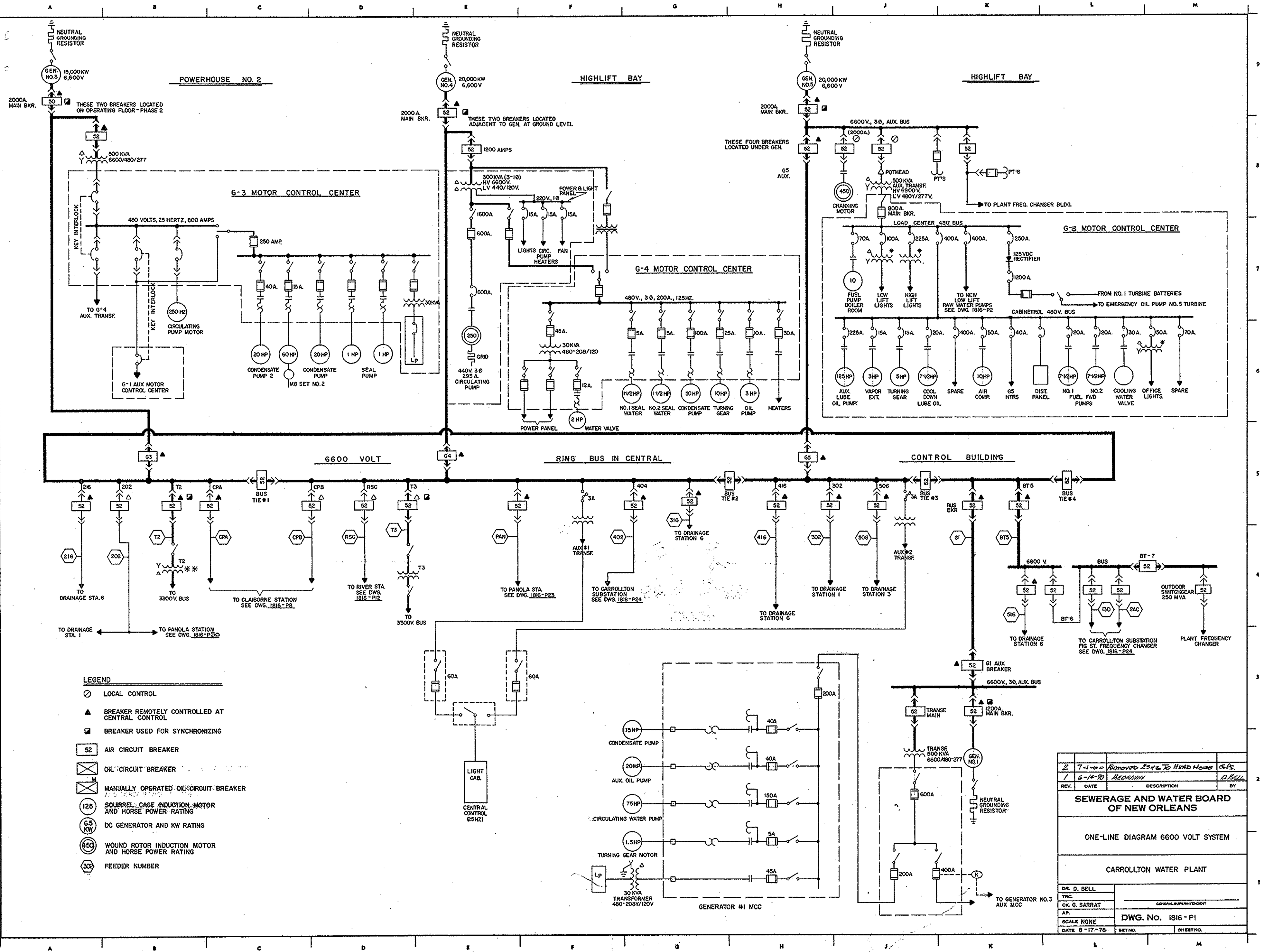
DETAIL "A"
SCALE 1"=30'

NOTES:
1) NEW PORTION OF "RSC" FEEDER.
ONE 3" CONDUIT WITH 600 MCM
CABLE AND ONE SPARE 3" CONDUIT.
SEE DWG. NO. 1373, P. 2.

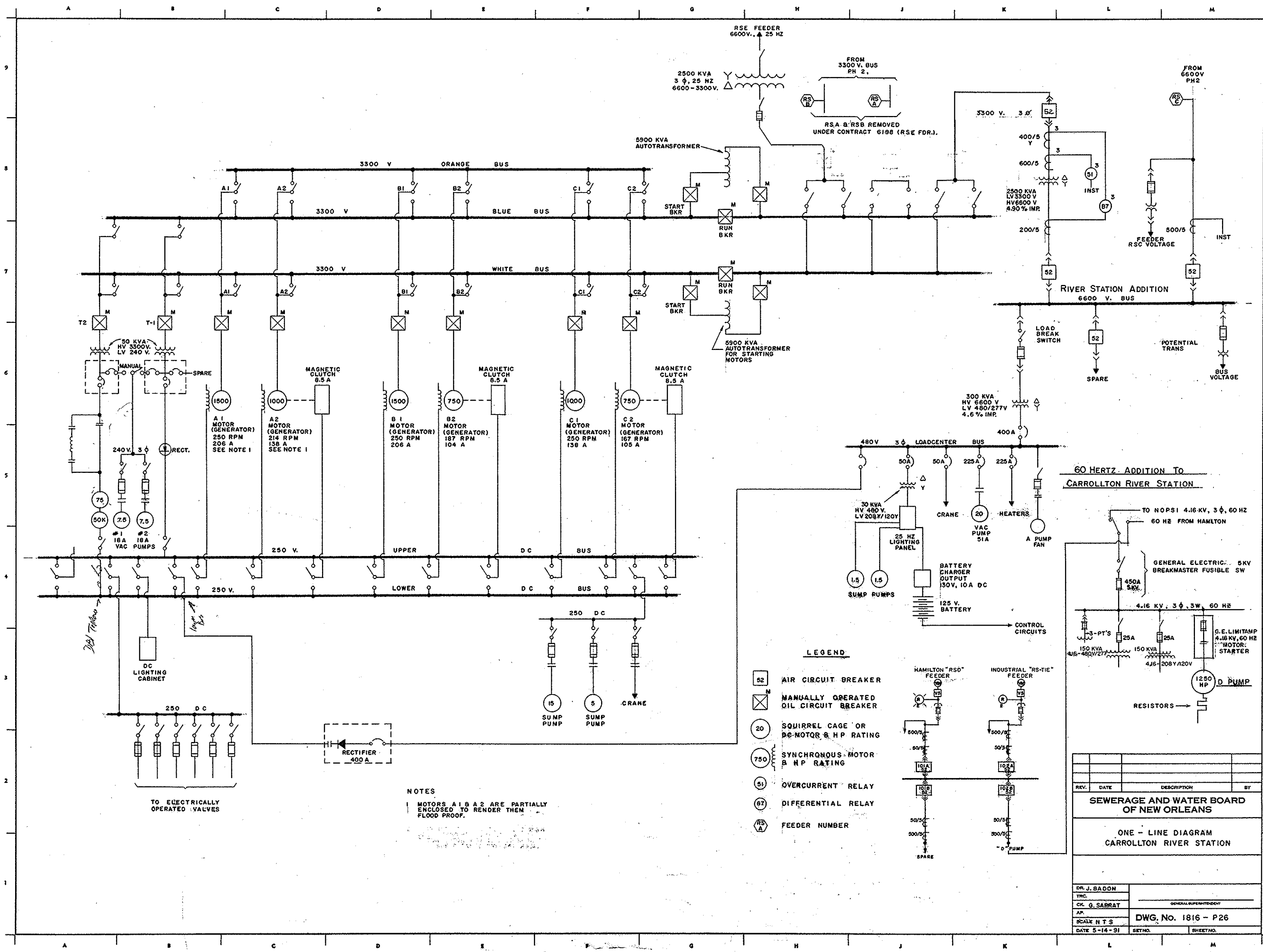


DR.	1-27-76	NOTES ADDED	G.C.A.
TRC.	DATE	DESCRIPTION	BY
CK.			
AP.			
SCALE 1"=60'		DWG. No.	1344-P-2
DATE 12-12-68	SET NO.	SHEET NO.	2 OF 2





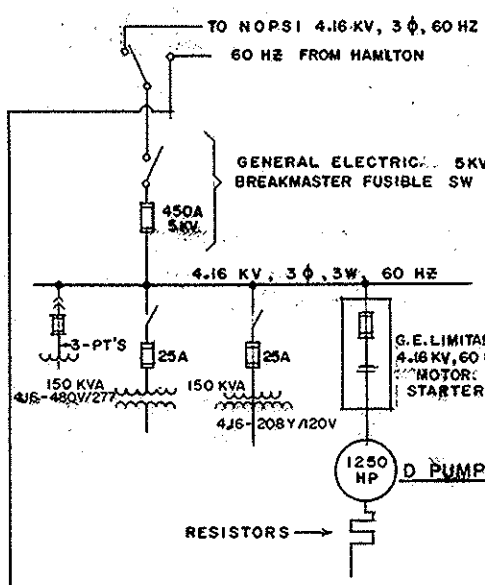
**AS-BUILT MAPS FOR OAK STREET RIVER
STATION**



NOTES
1. MOTORS A1 & A2 ARE PARTIALLY ENCLOSED TO RENDER THEM FLOOD PROOF.

- LEGEND**
- 52 AIR CIRCUIT BREAKER
 - M MANUALLY OPERATED OIL CIRCUIT BREAKER
 - 20 SQUIRREL CAGE OR DC MOTOR & HP RATING
 - 750 SYNCHRONOUS MOTOR & HP RATING
 - 51 OVERCURRENT RELAY
 - 67 DIFFERENTIAL RELAY
 - RS A FEEDER NUMBER

60 HERTZ ADDITION TO CARROLLTON RIVER STATION



REV.	DATE	DESCRIPTION	BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
ONE - LINE DIAGRAM CARROLLTON RIVER STATION			
DR. J. BADON			
CK. G. SARRAT			
DWG. No. 1816 - P26			
DATE 5-14-91			
SHEET NO.			

A B C D E F G H J K L M

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4

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2

1

MATCH LINE STA. 10+50, FOR CONT. SEE DWG. E-6

SEE PROFILE N° 11
SHEET N° 8

NEW MANHOLE #14
SEE NOTE #6

FUTURE 24" WATER MAIN BY JEFF.
PARISH DEPT. OF WATER

STA. 11+60

CHEMICAL FEED
MANHOLE C-9 (BY OTHERS)
STA. 12+15

COOPER ST.

MAIN LINE, L.F.A. (KCS) RR.

BASELINE

CENTER LINE OF DUCT BANK

ASPHALT PARKING LOT

FOR AS-BUILT MEASUREMENTS, SEE SHT. 10+11

STA. 13+90

SEE SPECIFICATIONS,
SPECIAL PROVISION
P. 33 FOR DETAILS

2
E7/E9

STA. 14+85

CHEMICAL FEED
MANHOLE C-9
(BY OTHERS)

BASELINE

2'-6" MIN.

NEW MANHOLE #15
SEE NOTE #6

FOR REVISED LOCATION ON
TWIN 60'S SEE SHT. 11+18

MONTICELLO AVE.

STA. 16+45

MATCH LINE STA. 16+50

32" STEEL CHASING
PIPE TO BE
JACKED &
BORED

SITE PLAN STATION 10+50 TO 16+50
STA. 7+74.32 TO OAK STREET 1"=20'-0"

SEE PROFILE #13
SHEET N° 11

32" CASING JACK & BORE
SEE DWG. # E-8
PROFILE N° 14

NEW MANHOLE #18
SEE NOTE #6

SEE NOTES 1-5
THIS SHEET.

NEW MANHOLE NO. 17
SEE NOTE #6

ORLEANS PROTECTION LEVEE

ORLEANS - JEFFERSON PARISH LINE

MONTICELLO AVE.

LEVEE

MATCH LINE STA. 20+45

RSC FEEDER
NEW MANHOLE #16
SEE NOTE #6

SEE NOTES 1-5 THIS SHEET

UNDERGROUND TELE. CABLE

SEE PROFILE N° 12
SHEET NO. E-8

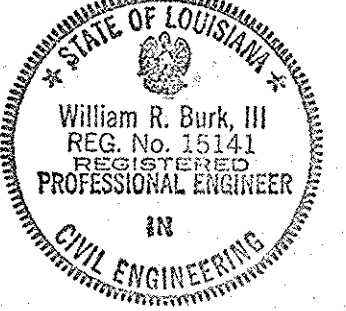
PORSCHE - AUDI AUTO, INC.

SITE PLAN STATION 16+50 TO
STA. 7+74.32 TO OAK STREET 1"=20'-0"

NOTES

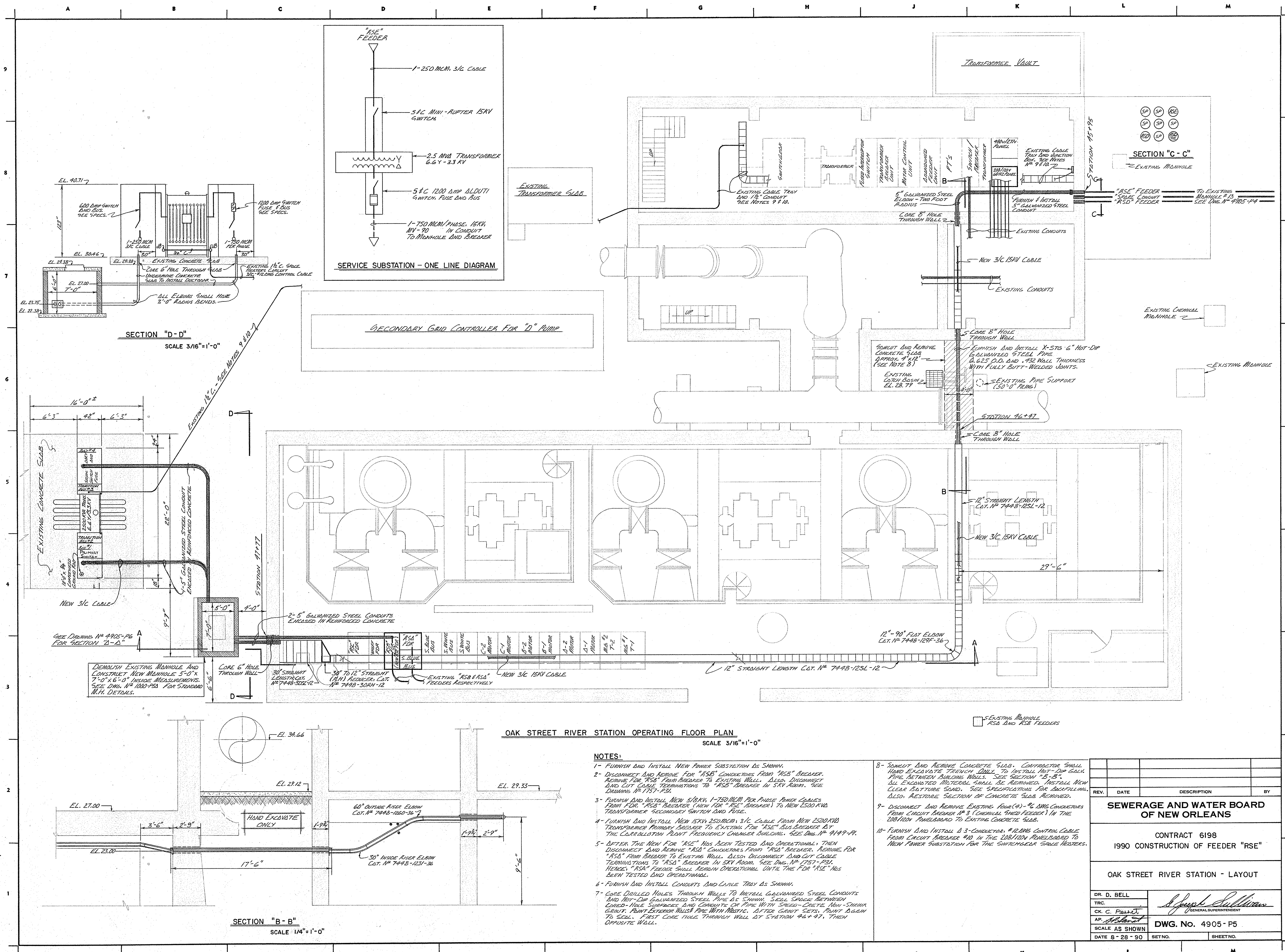
1. HAND DIG WITH EXTREME CARE TO LOCATE
EXISTING RSC FEEDER
2. LOCATE NEW MANHOLES AWAY FROM THE
RSC FEEDER.
3. NEW DUCT BANK SHALL BE LOCATED UNDER
THE RSC FEEDER.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY
DAMAGE TO THE RSC FEEDER.
5. RSC DIMENSIONS SHOWN ARE FOR APPROXIMATE
LOCATION. CONTRACTOR TO VERIFY ALL DIMENSIONS
AND THE ROUTING OF THE FEEDER.
6. SEE DRAWING E-9 FOR MANHOLE DETAILS.

PLANS



REV.	DATE	DESCRIPTION	BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
CONTRACT NO. 2031 RAW WATER TRANSMISSION SYSTEM			
DR. CHAPMAN			
TRC.			
CK. RAMIREZ			
AP. GIRGIS			
SCALE 1"=20'-0"			
DWG. No. 4766-P-7			
DATE OCT. 1, 80			
SHEET NO. 7 OF 11			

AS BUILT ELECTRICAL - BRUCE BARTON - GSE



OAK STREET RIVER STATION OPERATING FLOOR PLAN

SCALE 3/16"=1'-0"

NOTES:

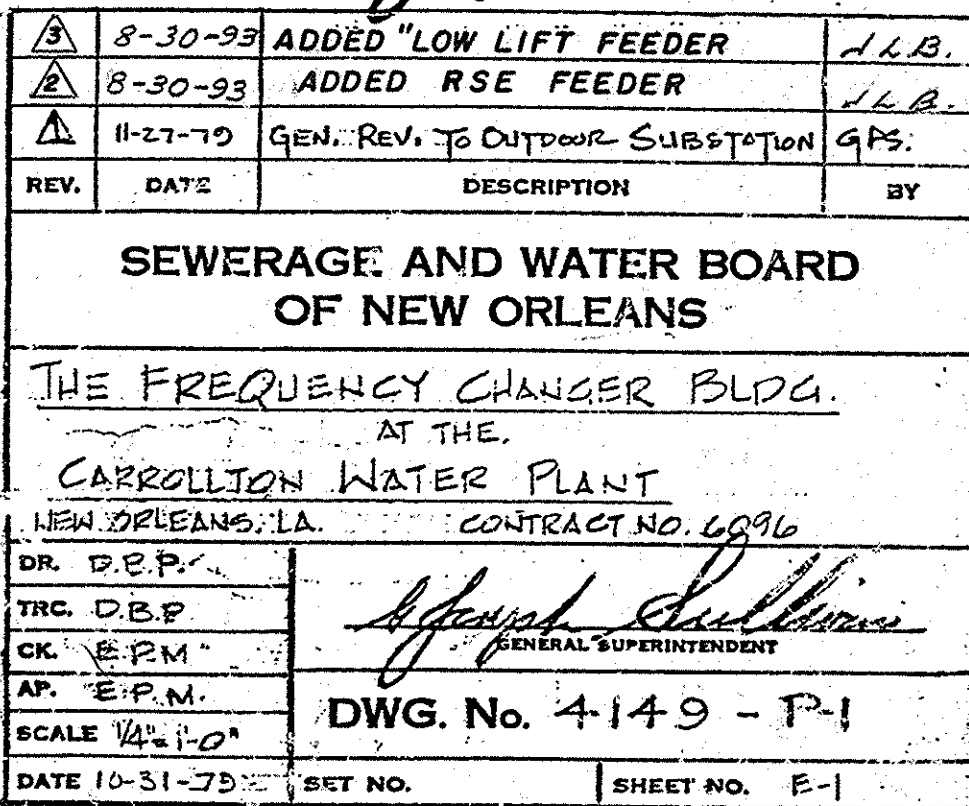
- 1- FURNISH AND INSTALL NEW POWER SUBSTATION AS SHOWN.
- 2- DISCONNECT AND REMOVE FOR "RSE" CONDUITS FROM "RSE" BREAKER. REMOVE FOR "RSE" FROM BREAKER TO EXISTING WALL. ALSO, DISCONNECT AND CUT CABLE TERMINATIONS TO "RSE" BREAKER IN SKV ROOM. SEE DRAWING NO. 1757-P31.
- 3- FURNISH AND INSTALL NEW 5/8"X 1-750 MCM PER PHASE POWER CABLES FROM FOR "RSE" BREAKER (NEW FOR "RSE" BREAKER) TO NEW 2500 KVA TRANSFORMER. SECONDARY SWITCH AND FUSE.
- 4- FURNISH AND INSTALL NEW 15KV 2500 MCM 3/C CABLE FROM NEW 2500 KVA TRANSFORMER PRIMARY BREAKER TO EXISTING FOR "RSE" BUS BREAKER AT THE CARROLLTOWN POINT FREQUENCY CHANGER BUILDING. SEE DWG. NO. 4149-P1.
- 5- AFTER THE NEW FOR "RSE" HAS BEEN TESTED AND OPERATIONAL, THEN DISCONNECT AND REMOVE "RSE" CONDUITS FROM "RSE" BREAKER. REMOVE FOR "RSE" FROM BREAKER TO EXISTING WALL. ALSO, DISCONNECT AND CUT CABLE TERMINATIONS TO "RSE" BREAKER IN SKV ROOM. SEE DWG. NO. 1757-P31. HENCE, "RSE" FEEDER SHALL REMAIN OPERATIONAL UNTIL THE FOR "RSE" HAS BEEN TESTED AND OPERATIONAL.
- 6- FURNISH AND INSTALL CONDUITS AND LUMIN TRAY AS SHOWN.
- 7- CORE DRILLED HOLES THROUGH WALLS TO INSTALL GALVANIZED STEEL CONDUITS AND HOT-DIP GALVANIZED STEEL PIPE AS SHOWN. SEAL SPACE BETWEEN CONDUIT-HOLE SURFACES AND CONDUITS OR PIPE WITH SPEED-SETTLE NON-SHRINK GROUT. PAINT EXTERIOR WALLS PIPE WITH MASTIC. AFTER GROUT SETS, PAINT AGAIN TO SEAL. FIRST CORE HOLE THROUGH WALL AT STATION 46+47, THEN OPPOSITE WALL.

- 8- SAWCUT AND REMOVE CONCRETE SLAB. CONTRACTOR SHALL HAND EXCAVATE TRENCH ONLY TO INSTALL HOT-DIP GALV. PIPE BETWEEN BUILDING WALLS. SEE SECTION "B-B". ALL EXCAVATED MATERIAL SHALL BE REMOVED. INSTALL NEW CLEAR BURIED SOND. SEE SPECIFICATIONS FOR BACKFILLING. ALSO, RESTORE SECTION OF CONCRETE SLAB REMOVED.
- 9- DISCONNECT AND REMOVE EXISTING FOUR (4) 2" I.D. CONDUITS FROM CIRCUIT BREAKER #3 (CHEMICAL TRIP FEEDER) IN THE 208/120V PANELBOARD TO EXISTING CONCRETE SLAB.
- 10- FURNISH AND INSTALL 3" CONDUITS, #12 AWG CONTROL CABLE FROM CIRCUIT BREAKER #10 IN THE 208/120V PANELBOARD TO NEW POWER SUBSTATION FOR THE SUPERHEAT STEAM HEATERS.

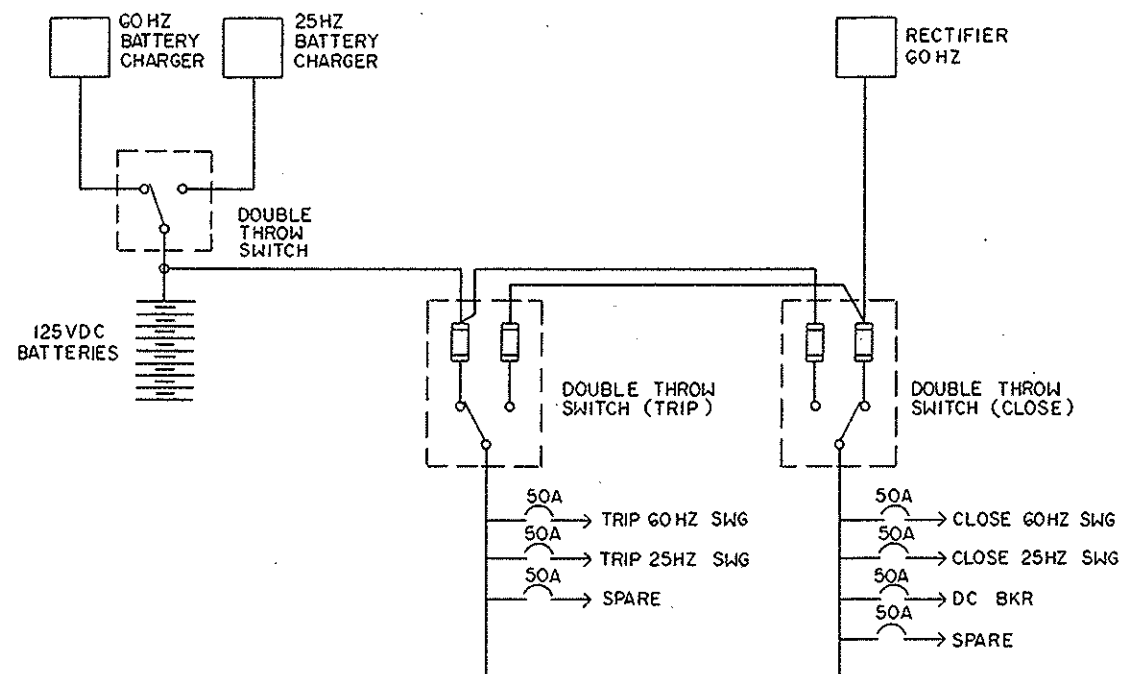
REV.	DATE	DESCRIPTION	BY
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SEWERAGE AND WATER BOARD OF NEW ORLEANS	
CONTRACT 6198 1990 CONSTRUCTION OF FEEDER "RSE"	
OAK STREET RIVER STATION - LAYOUT	
DR. D. BELL	<i>[Signature]</i> GENERAL SUPERINTENDENT
TRC.	
CK. G. Palko	
AP. [Signature]	
DWG. No. 4905-P5	
SCALE AS SHOWN	SETNO.
DATE 8-28-90	SHEETNO.

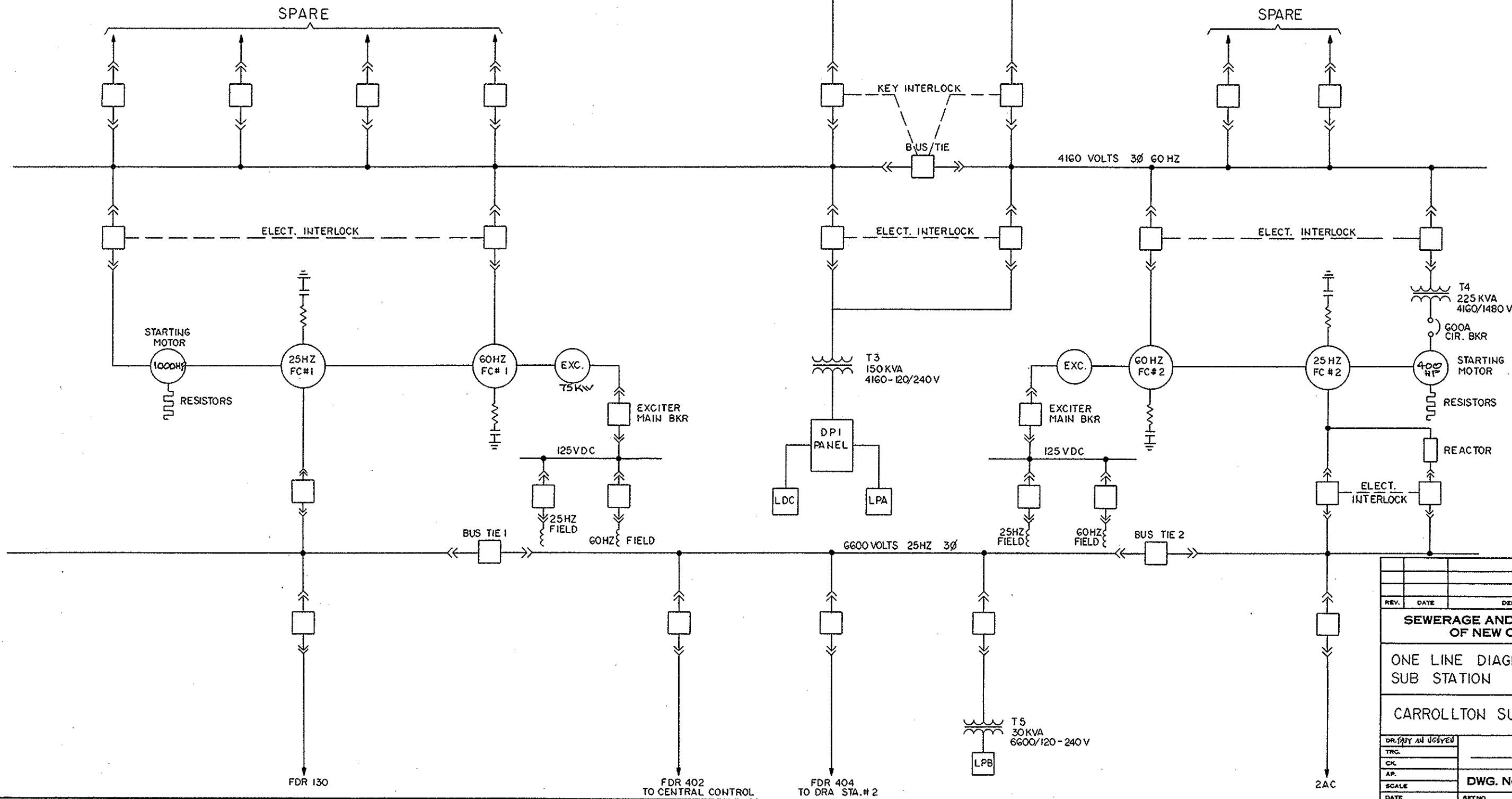
AS-BUILT MAPS FOR PLANT FREQUENCY CHANGER



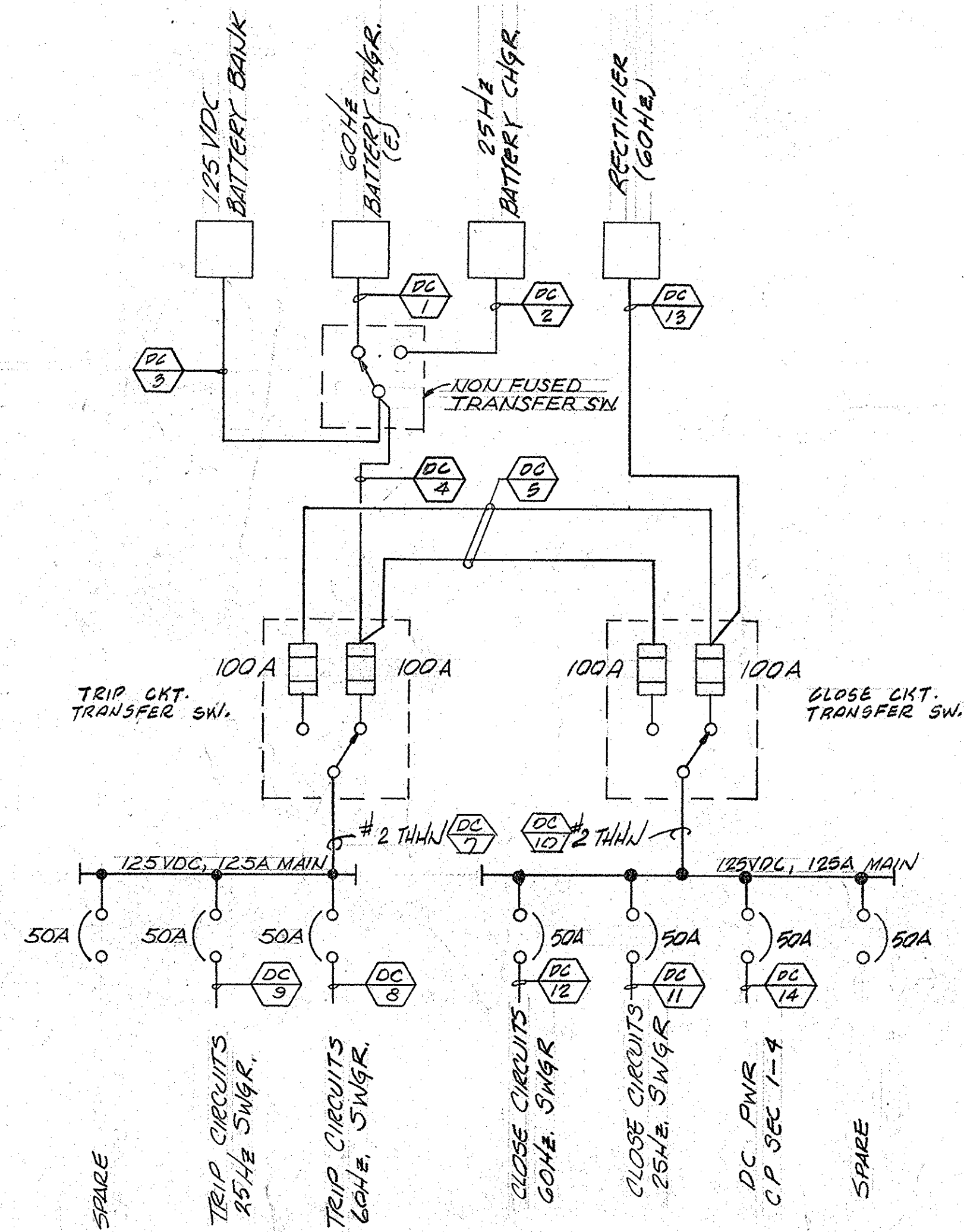
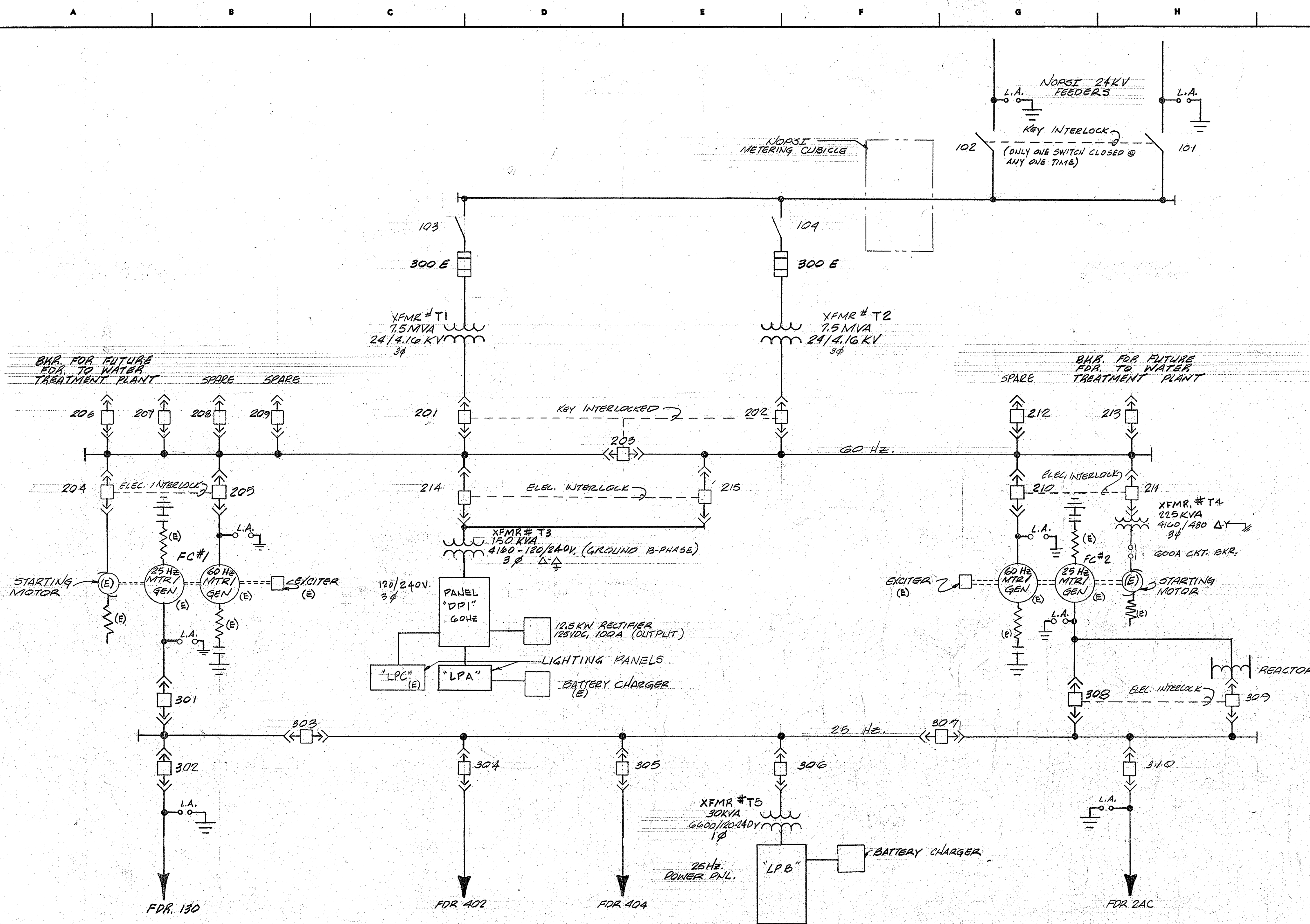
**AS-BUILT MAPS FOR CARROLLTON
FREQUENCY CHANGER**



DC CONTROL CIRCUIT ONE LINE DIAGRAM



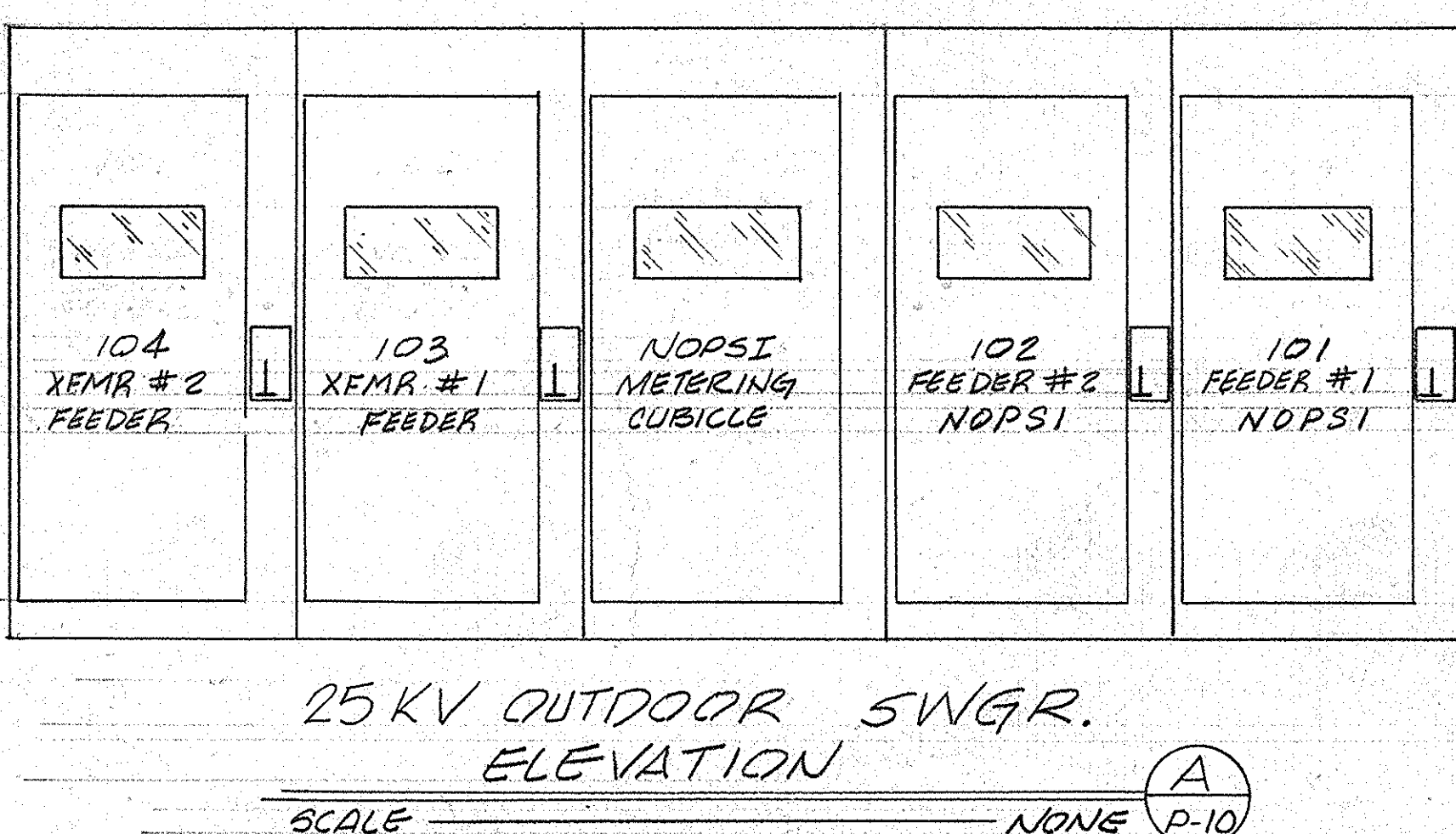
REV.	DATE	DESCRIPTION	BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
ONE LINE DIAGRAM CARROLLTON SUB STATION			
CARROLLTON SUB STATION			
DR. BY AD JOLYEN		GENERAL SUPERINTENDENT	
TRC.			
CK.			
AP.			
SCALE		DWG. No. 1816-P40	
DATE		SET NO.	SHEET NO.



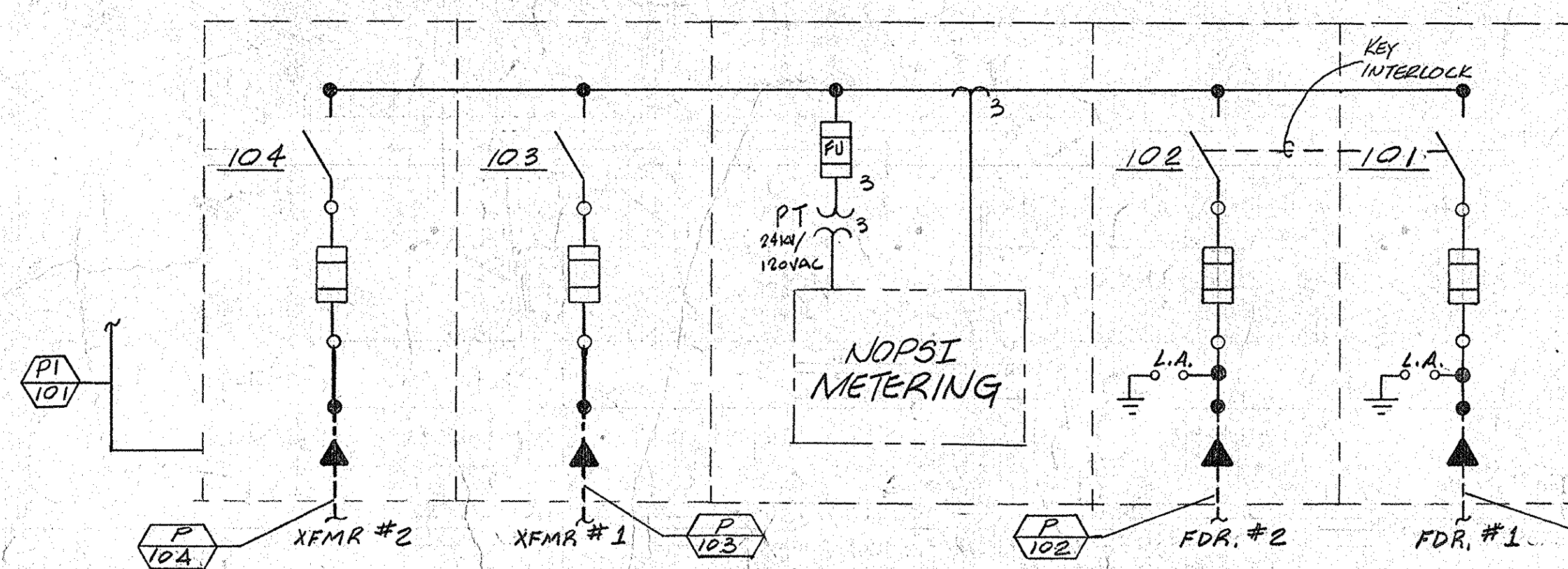
DC CONTROL ONE LINE DIAGRAM
SCALE NONE

NOTE:
(E) - INDICATES EXISTING EQUIP.

THESE PLANS AND SPECIFICATIONS HAVE BEEN PREPARED BY OR UNDER MY CLOSE PERSONAL SUPERVISION AND TO THE BEST OF MY OWN KNOWLEDGE AND BELIEF THEY COMPLY WITH ALL CITY REQUIREMENTS FOR THE WORK SUPERVISING THE WORK
ENGINEER *Wink* REG. NO. 18125



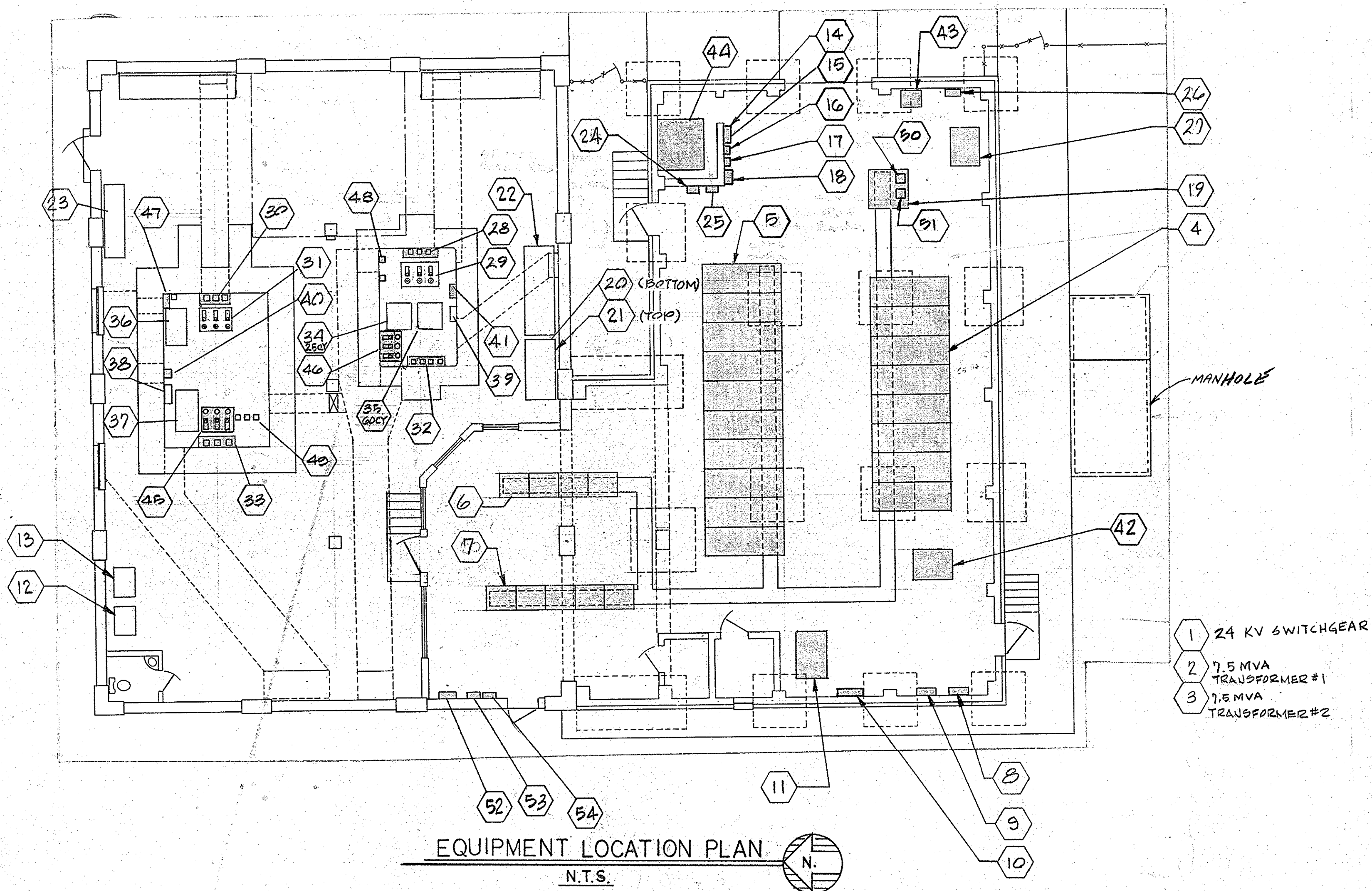
25 KV OUTDOOR SWGR.
ELEVATION
SCALE NONE (A) P-10



25KV SWGR.
ONE LINE DIAGRAM
SCALE NONE

WINK ENG. DATE BY		DRAWING ISSUE		CLIENT DATE BY	
PRELIMINARY		APPROVED AS NOTED		APPROVED FOR CONSTRUCTION	
WINK DWG. NO. 11-020684-P-1101		DWG. NO. 4797-P-2		SHEET NO.	

SEWERAGE AND WATER BOARD OF NEW ORLEANS	
WINK ENGINEERING A DIVISION OF WINK INC. NEW ORLEANS, LOUISIANA	
FREQUENCY CHANGER BLDG. EXPANSION CARROLLTON STATION ELEMENTARY BLOCK DIAGRAM	
DR. D.C. FREQUENCY	DATE 8-22-83
TRC. CK. DE J. J. J.	DATE 8-22-83
AP. SCALE NONE	DATE 8-22-83
SET NO.	SHEET NO.



BILL OF MATERIAL		
ITEM	DESCRIPTION	WORK REQUIRED
1	24KV SWITCHGEAR (SEE EQUIP. SPEC.)	INSTALL NEW
2	TRANSFORMER #1, 7.5 MVA, 24KV/4160V. (SEE EQUIP. SPEC.)	INSTALL NEW
3	TRANSFORMER #2, 7.5 MVA, 24KV/4160V. (SEE EQUIP. SPEC.)	INSTALL NEW
4	6600 VOLT, 25 HZ, SWITCHGEAR (SEE EQUIP. SPEC.)	INSTALL NEW
5	4160VOLT, 60 HZ, SWITCHGEAR (SEE EQUIP. SPEC.)	INSTALL NEW
6	CONTROL PANEL, SECTIONS 1-4 (SEE EQUIPMENT SPEC.)	MODIFY & RELOCATE
7	CONTROL PANEL, SECTIONS 5-9 (SEE EQUIPMENT SPEC.)	INSTALL NEW
8	25 HZ POWER PANEL, 120/240V, 1 P, 3 W, 100 A MAIN CIRCUIT BREAKER SQ. D" NQO-2 - 3A, SURFACE MOUNT, WITH NQO BREAKERS	INSTALL NEW
9	60 HZ LIGHTING PANEL, 120/240V, 1 P, 4 W, 225 A MAIN LG ONLY SQ. D" NQO-42-4L SURFACE MOUNT, WITH NQO BREAKERS	INSTALL NEW
10	60 HZ POWER PANEL, 120/240V, 3 P, 4 W, 400 A MAIN CIRCUIT BREAKER SQ. D" HCN-2654-B WITH "FA" TYPE BRANCH BREAKERS	INSTALL NEW
11	TRANSFORMER #3, 150 KVA, 4160-120/240V, 3 PH, 60 HZ DELTA-DELTA, DRY TYPE, INDOORS WITH (2) 2 1/2% TAPS ABOVE & BELOW, GROUND "B" PHASE	NEW
12	FIELD RHEOSTAT, FC #1, 60 HZ MACHINE	EXISTING - TO REMAIN (CLEAN CONTACTS & CHECK)
13	FIELD RHEOSTAT, FC #1, 25 HZ MACHINE	EXISTING - TO REMAIN (CLEAN CONTACTS & CHECK)
14	BATTERY CHARGER, 60 HZ	EXISTING - TO BE RELOCATED
15	BATTERY CHARGER, POWER-12 CONVERSION PRODUCTS (OR EQUAL) MODEL NO. RU-150-12 OPTIONS 1-2-4-B-T-B-11-14, EXCEPT 25 HZ.	NEW
16	BATTERY CHARGER TRANSFER SWITCH, 130VDC 2 POLE, DOUBLE THROW NON FUSED 100 AMP, SQUARE "D" CAT. # B2233F OR EQUAL	NEW

BILL OF MATERIAL		
ITEM	DESCRIPTION	WORK REQUIRED
17	TRANSFER SWITCH FOR CLOSING CIRCUITS, 130VDC, 2 POLE, DOUBLE THROW, WITH 100 AMP FUSES IN BOTH PRIMARIES, SQUARE "D" CAT. # B2233F OR EQUAL	NEW
18	DISTRIBUTION PANEL FOR CLOSING CIRCUITS, 130VDC, 100 A, 1 P, 2 W, MAIN LG ONLY GE # 240NAB-8 POLES	NEW
19	DC FIELD SWITCHGEAR, 130VDC	EXISTING - TO BE RELOCATED
20	FIELD RHEOSTAT, FC #2, 60 HZ MACHINE	RECONDITION EXISTING EQUIP.
21	FIELD RHEOSTAT, FC #2, 25 HZ MACHINE	RECONDITION EXISTING EQUIP.
22	ROTOR RESISTOR FOR FC #2 STARTING MOTOR	EXISTING - TO REMAIN
23	ROTOR RESISTOR FOR FC #1 STARTING MOTOR	EXISTING - TO REMAIN
24	DISTRIBUTION PANEL FOR TRIP CIRCUIT, 130VDC, 100 A, 1 P, 2 W, MAIN LG ONLY GE # 240NAB-8 POLES	NEW
25	TRANSFER SWITCH FOR TRIP CIRCUITS, 130VDC, 2 POLE, DOUBLE THROW, WITH 100 A FUSES IN BOTH PRIMARIES, SQUARE "D" CAT. # B2233F OR EQUAL	NEW
26	CIRCUIT BREAKER, 480, 3 P, 600 A, MOLDED CASE MAGNETIC ONLY, FOR FC #2 STARTING MOTOR 200 H.P., SQUARE "D" CAT. # LAL 36602 WITH ENCLOSURE # LAG00F OR EQUAL	NEW
27	TRANSFORMER #4, 225 KVA, 4160/480V, 3 PH, 60 HZ, DRY TYPE, INDOOR, DELTA-WYE, WITH (2) 2 1/2% TAPS ABOVE & BELOW SQUARE "D" CAT. # 225T10H OR EQUAL	NEW
28	CURRENT METERING TRANSFORMER, QTY. (3) 400/5 LINE CURRENT QTY. (1) 100/5 NEUTRAL CURRENT, FOR 6600V, 3 PH, 25 HZ, APPLICATION	FURNISHED BY SWITCHGEAR VENDOR
29	LIGHTNING ARRESTORS & SURGE CAPACITORS	EXISTING - TO REMAIN
30	METERING CURRENT TRANSFORMERS QTY. (3) 800/5 LINE CURRENT QTY. (1) 200/5 NEUTRAL CURRENT FOR 6600V, 3 PH, 25 HZ, APPLICATION	FURNISHED BY SWITCHGEAR VENDOR
31	LIGHTNING ARRESTORS & SURGE CAPACITORS	EXISTING - TO REMAIN
32	CURRENT METERING TRANSFORMERS, QTY. (3) 400/5 LINE CURRENT QTY. (1) 100/5 NEUTRAL CURRENT, FOR 4160V, 3 PH, 60 HZ APPLICATION	FURNISHED BY SWITCHGEAR VENDOR
33	CURRENT METERING TRANSFORMERS, QTY. (3) 1200/5 LINE CURRENT QTY. (1) 200/5 NEUTRAL CURRENT FOR 4160V, 3 PH, 60 HZ APPLICATION	FURNISHED BY SWITCHGEAR VENDOR
34	NEUTRAL GROUNDING RESISTOR FOR FC #2, 25 HZ MACHINE	EXISTING
35	NEUTRAL GROUNDING RESISTOR FOR FC #2, 60 HZ MACHINE	EXISTING - CHECKOUT & RECONNECT
36	NEUTRAL GROUNDING RESISTOR FOR FC #1, 25 HZ MACHINE	EXISTING
37	NEUTRAL GROUNDING RESISTOR FOR FC #1, 60 HZ MACHINE	EXISTING - CHECKOUT & RECONNECT
38	TERMINAL BOX, FC #1 METERING	EXISTING
39	TERMINAL BOX, FC #2 METERING	EXISTING
40	GROUND CONTACTOR, FC #1 60 HZ (SEE SPEC.) WITH NEMA-12 ENCLOSURE	NEW
41	GROUND CONTACTOR, FC #2 60 HZ (SEE SPEC.) WITH NEMA-12 ENCLOSURE	NEW
42	TRANSFORMER #5, 30 KVA, DRY TYPE, 6600V/120-240 1 P, 25 HZ, INDOOR	NEW
43	RECTIFIER, 12.5 KW, OUTPUT 130V, 100 A DC, INPUT 240 V, 3 P LEMARCHE A-28-100-130V	NEW
44	BATTERY BANK, 130 V. DC	RELOCATE EXISTING; FAB NEW RACK
45	LIGHTNING ARRESTORS & SURGE CAPACITORS FOR 4160V, 3 P, 60 HZ MOTOR PROTECTION (SEE SPEC.)	NEW
46	LIGHTNING ARRESTORS & SURGE CAPACITORS FOR 4160V, 3 P, 60 HZ MOTOR PROTECTION (SEE SPEC.)	NEW
47	GROUND CONTACTOR FC #1 25 HZ (SEE SPEC.) WITH NEMA-12 ENCLOSURE	NEW
48	GROUND CONTACTOR FC #2 25 HZ (SEE SPEC.) WITH NEMA-12 ENCLOSURE	NEW
49	METERING C.T.'S	EXISTING - TO BE REMOVED
50	FIELD ADJUSTING RHEOSTAT - FC 2 EXCITER	EXISTING
51	FIELD ADJUSTING RHEOSTAT - FC 1 EXCITER	EXISTING
52	60 HZ POWER PANEL, 120/240V, 3 P, 4 W, 225 A MAIN, 400 A	RELOCATE EXISTING & REPLACE W/ NEW EXISTING (NOTE-1)
53	MOTOR STARTER OIL PUMP #FC-1	EXISTING (NOTE-1)
54	MOTOR STARTER OIL PUMP #FC-1	EXISTING (NOTE-1)

THESE PLANS AND SPECIFICATIONS HAVE BEEN PREPARED BY OR UNDER MY CLOSE PERSONAL SUPERVISION AND TO THE BEST OF MY OWN KNOWLEDGE AND BELIEF, THEY COMPLY WITH ALL CITY REQUIREMENTS. I AM SUPERVISING, NOT SUPERVISING THE WORK.

ENGINEER CRAIG W. LEE REG. NO. 18125

NOTES:

1. EQUIPMENT TO BE REMOUNTED AS NECESSARY TO ACCOMMODATE NEW HIGHER FLOOR IN CONTROL ROOM ONLY.

REV.	DATE	DESCRIPTION	BY
6-10-88		ADDED AS BUILT DATA FURNISHED BY 2, 3 W.D. AND CONT.	K.B.

SEWERAGE AND WATER BOARD OF NEW ORLEANS

WINK ENGINEERING
A DIVISION OF WINK, INC.
NEW ORLEANS, LOUISIANA

FREQUENCY CHANGER BLDG. EXPANSION
CARROLLTON STATION
EQUIP. LOCATION PLAN & SCHED.

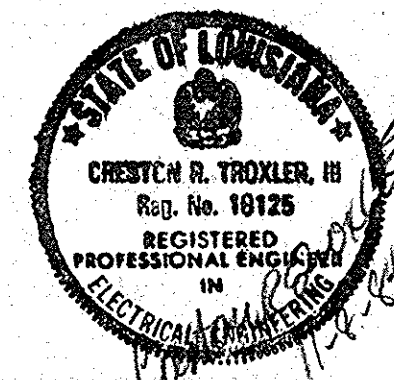
WINK ENG. DATE BY	DRAWING ISSUE	CLIENT DATE BY
11/9/88 JWW	PRELIMINARY FOR APPROVAL	
11/9/88 JWW	APPROVED AS NOTED	
11/9/88 JWW	APPROVED FOR CONSTRUCTION 11/15/88 JWW	

WINK DWG. No. 11-020684-P-1201

DR. R.M. TRC.	GENERAL SUPERINTENDENT
CK. CRAIG W. LEE	
AP.	
SCALE NONE	
DATE 1-9-84	

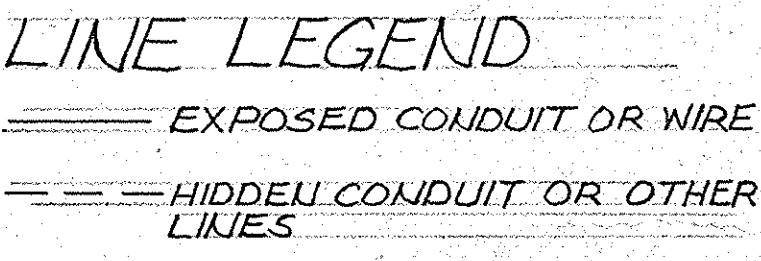
DWG. No. 4797-P-5

SETNO. SHEETNO.



WINK ENG. DATE BY	DRAWING ISSUE	CLIENT DATE BY
11/9/88 JWW	PRELIMINARY FOR APPROVAL	
11/9/88 JWW	APPROVED AS NOTED	
11/9/88 JWW	APPROVED FOR CONSTRUCTION 11/15/88 JWW	

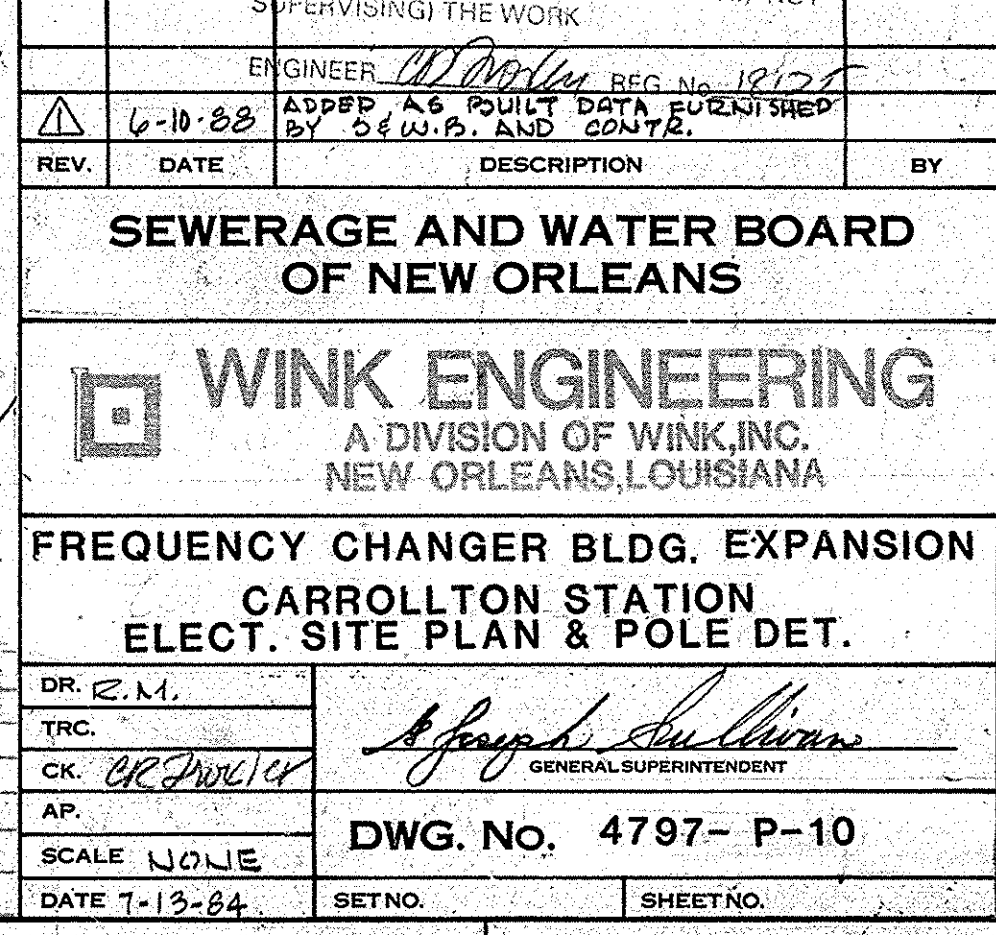
WINK DWG. No. 11-020684-P-1201



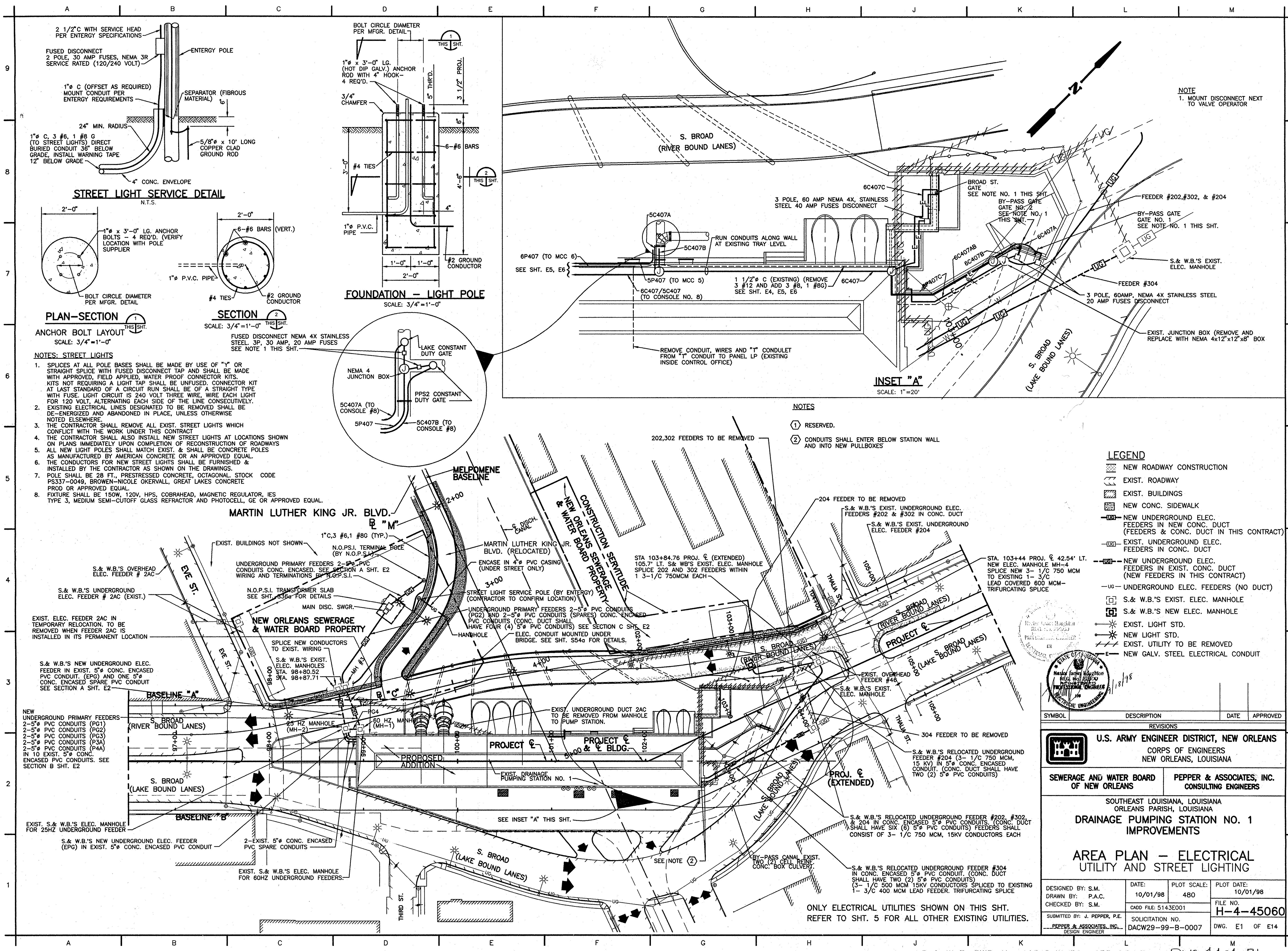
NOTE:

PIPE AND CROSSBARM CONFIGURATION IS SHOWN DIAGRAMMATICALLY. FIELD DETERMINING EXACT ARRANGEMENT BASED ON THE LATEST EDITION OF ANSI C2, "NATIONAL ELECTRICAL SAFETY CODE".

PROVIDE TWO (2) HOT DIP GALV. STEEL SPLICE SUPPORTS AT EACH EARTH BLDV. MAINHOLE. FOR A TOTAL OF 4, CONSTRUCTED OF 12" WIDE, 1/4" BASE PLATE, 4" PIPE STANCHION, BODY OF FIELD, AND 2" WIDE HALF CROSS. SECTION OF HEAVY WALL. 8" PIPE SADDLE, WELDED TO STANCHION. TRIFURCATING SPLICES ARE REQUIRED BY THE JOB SPEC., SECTION 16.31.



AS-BUILT MAPS FOR DPS 1



STREET LIGHT SERVICE DETAIL
N.T.S.

FOUNDATION - LIGHT POLE
SCALE: 3/4"=1'-0"

PLAN-SECTION
ANCHOR BOLT LAYOUT
SCALE: 3/4"=1'-0"

SECTION
SCALE: 3/4"=1'-0"

INSET "A"
SCALE: 1"=20'

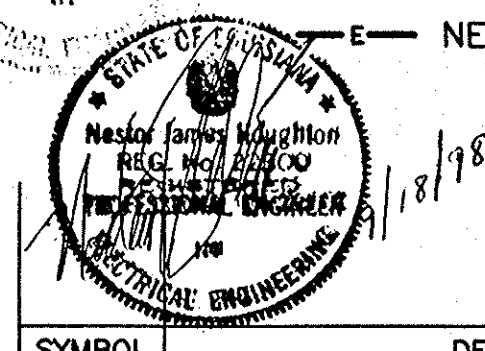
- NOTES: STREET LIGHTS**
1. SPLICES AT ALL POLE BASES SHALL BE MADE BY USE OF "Y" OR STRAIGHT SPLICE WITH FUSED DISCONNECT TAP AND SHALL BE MADE WITH APPROVED, FIELD APPLIED, WATER PROOF CONNECTOR KITS. KITS NOT REQUIRING A LIGHT TAP SHALL BE UNFUSED. CONNECTOR KIT AT LAST STANDARD OF A CIRCUIT RUN SHALL BE OF A STRAIGHT TYPE WITH FUSE. LIGHT CIRCUIT IS 240 VOLT THREE WIRE, WIRE EACH LIGHT FOR 120 VOLT, ALTERNATING EACH SIDE OF THE LINE CONSECUTIVELY.
 2. EXISTING ELECTRICAL LINES DESIGNATED TO BE REMOVED SHALL BE DE-ENERGIZED AND ABANDONED IN PLACE, UNLESS OTHERWISE NOTED ELSEWHERE.
 3. THE CONTRACTOR SHALL REMOVE ALL EXIST. STREET LIGHTS WHICH CONFLICT WITH THE WORK UNDER THIS CONTRACT.
 4. THE CONTRACTOR SHALL ALSO INSTALL NEW STREET LIGHTS AT LOCATIONS SHOWN ON PLANS IMMEDIATELY UPON COMPLETION OF RECONSTRUCTION OF ROADWAYS.
 5. ALL NEW LIGHT POLES SHALL MATCH EXIST. & SHALL BE CONCRETE POLES AS MANUFACTURED BY AMERICAN CONCRETE OR AN APPROVED EQUAL.
 6. THE CONDUCTORS FOR NEW STREET LIGHTS SHALL BE FURNISHED & INSTALLED BY THE CONTRACTOR AS SHOWN ON THE DRAWINGS.
 7. POLE SHALL BE 28 FT., PRESTRESSED CONCRETE, OCTAGONAL STOCK CODE PS337-0049, BROWN-NICOLE OKERVALL, GREAT LAKES CONCRETE PROD OR APPROVED EQUAL.
 8. FIXTURE SHALL BE 150W, 120V, HPS, COBRAHEAD, MAGNETIC REGULATOR, IES TYPE 3, MEDIUM SEMI-CUTOFF GLASS REFRACTOR AND PHOTOCELL, GE OR APPROVED EQUAL.


NOTES

1. RESERVED.
2. CONDUITS SHALL ENTER BELOW STATION WALL AND INTO NEW PULLBOXES

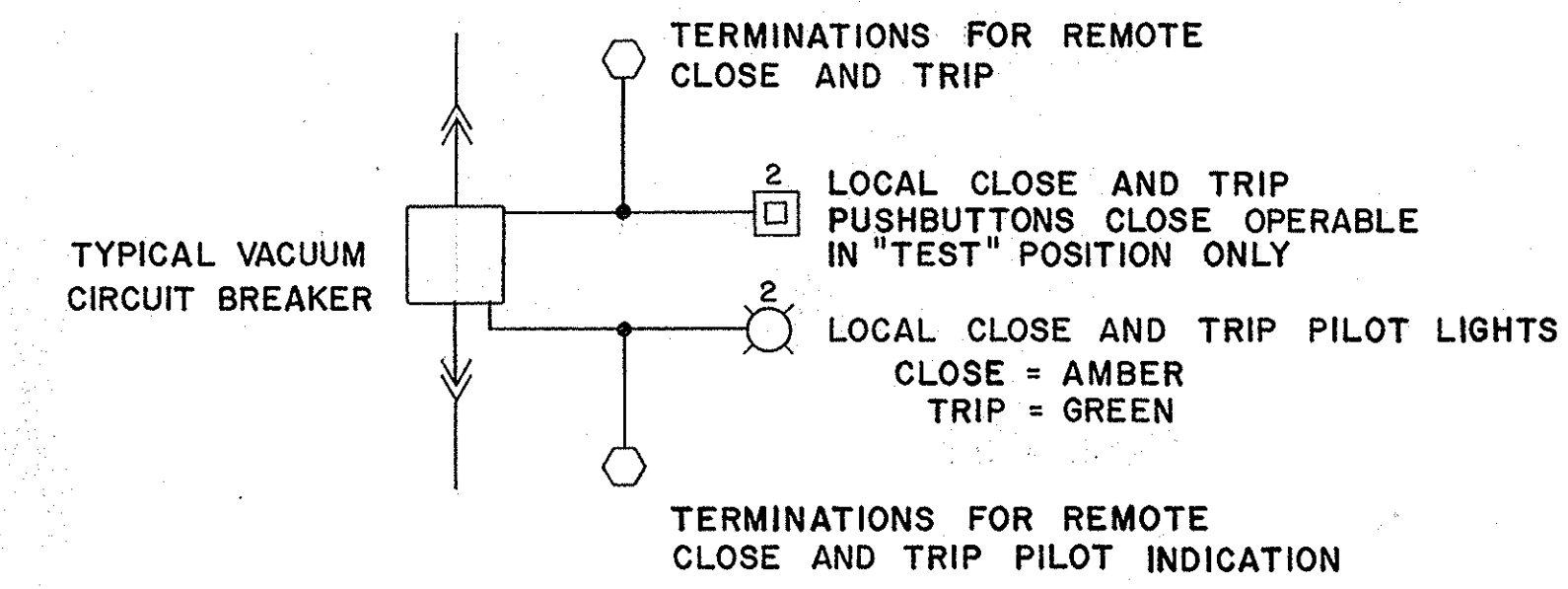
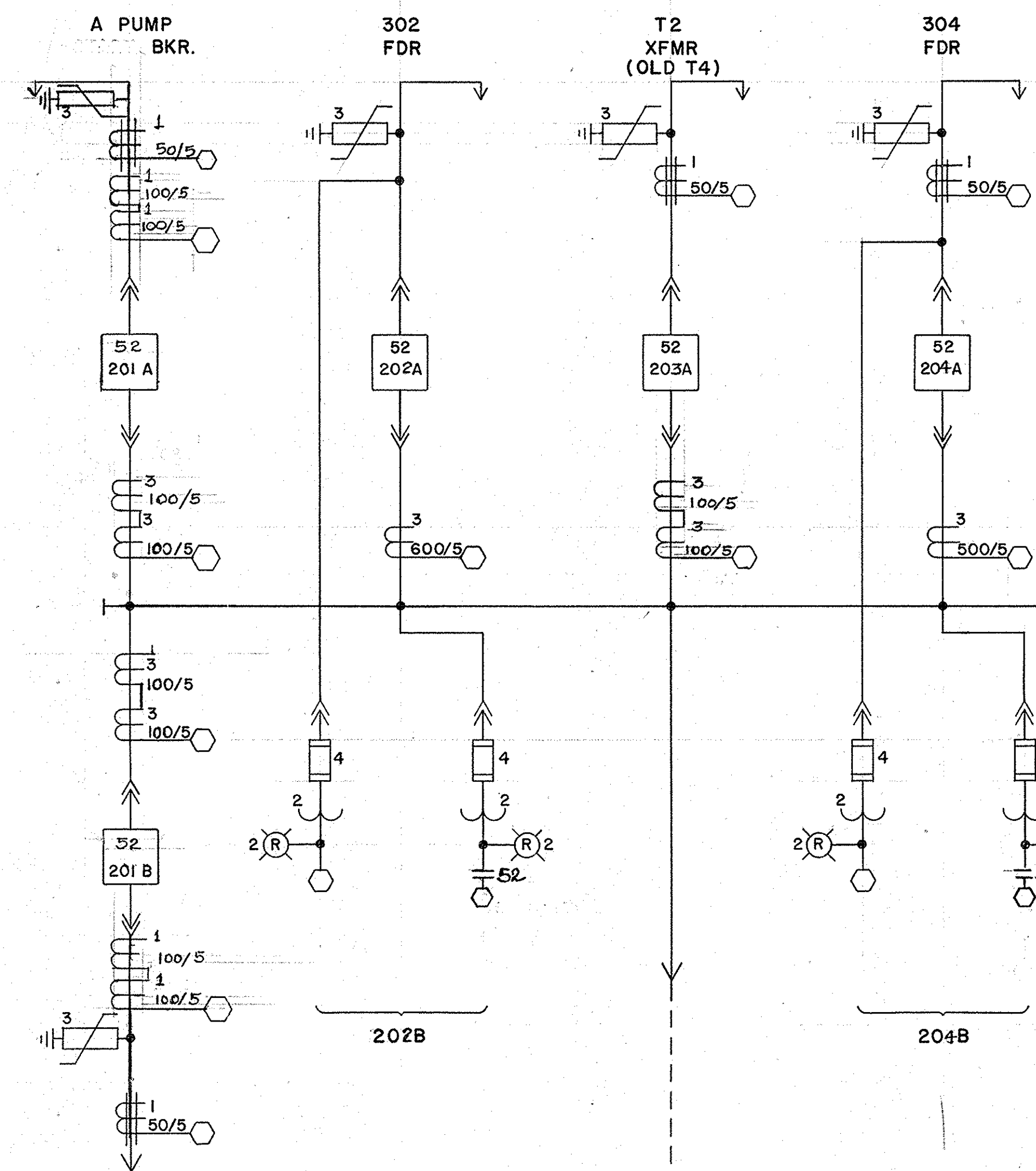
LEGEND

- NEW ROADWAY CONSTRUCTION
- EXIST. ROADWAY
- EXIST. BUILDINGS
- NEW CONC. SIDEWALK
- NEW UNDERGROUND ELEC. FEEDERS IN NEW CONC. DUCT (FEEDERS & CONC. DUCT IN THIS CONTRACT)
- EXIST. UNDERGROUND ELEC. FEEDERS IN CONC. DUCT
- NEW UNDERGROUND ELEC. FEEDERS IN EXIST. CONC. DUCT (NEW FEEDERS IN THIS CONTRACT)
- UNDERGROUND ELEC. FEEDERS (NO DUCT)
- S. & W.B.'S EXIST. ELEC. MANHOLE
- S. & W.B.'S NEW ELEC. MANHOLE
- EXIST. LIGHT STD.
- NEW LIGHT STD.
- EXIST. UTILITY TO BE REMOVED
- NEW GALV. STEEL ELECTRICAL CONDUIT

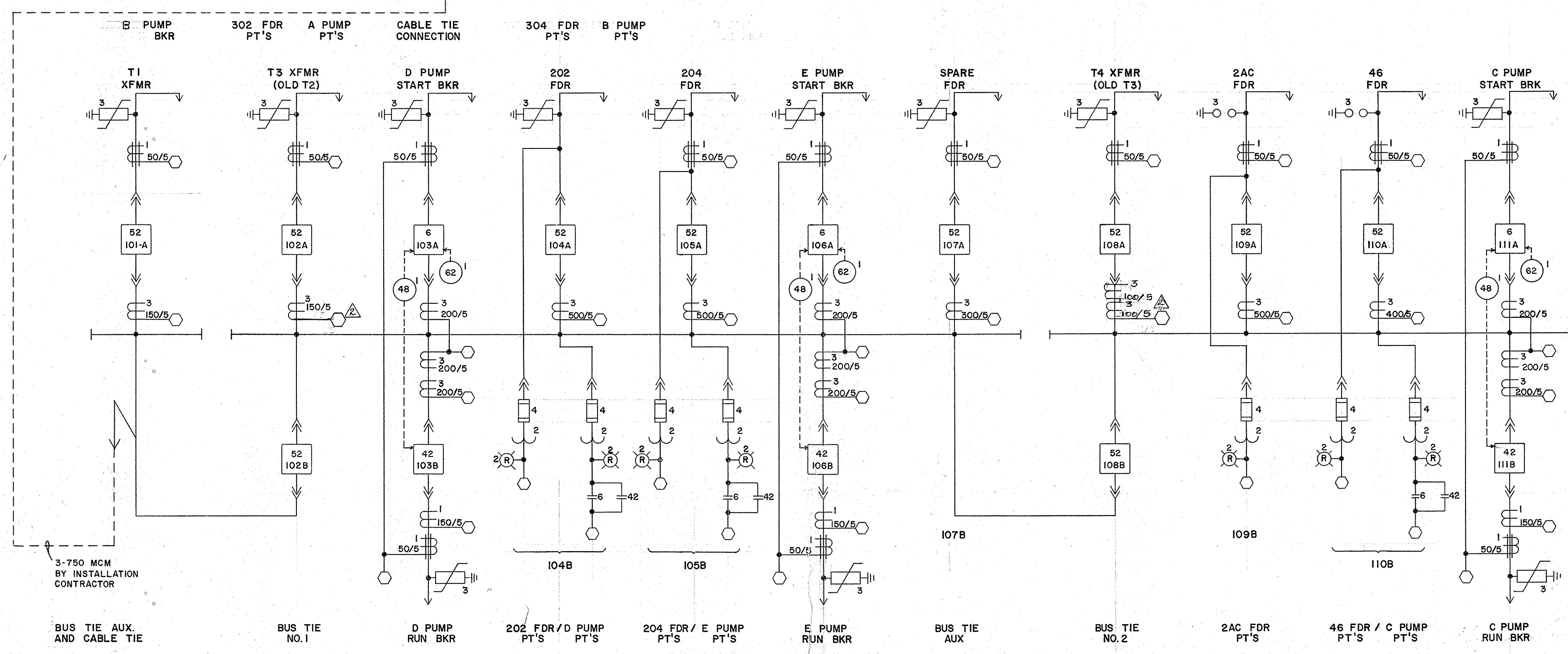


SYMBOL	DESCRIPTION	DATE	APPROVED
REVISIONS			
<div></div> <div>U.S. ARMY ENGINEER DISTRICT, NEW ORLEANS</div> <div>CORPS OF ENGINEERS</div> <div>NEW ORLEANS, LOUISIANA</div>			
SEWERAGE AND WATER BOARD OF NEW ORLEANS		PEPPER & ASSOCIATES, INC. CONSULTING ENGINEERS	
SOUTHEAST LOUISIANA, LOUISIANA ORLEANS PARISH, LOUISIANA			
DRAINAGE PUMPING STATION NO. 1 IMPROVEMENTS			
AREA PLAN — ELECTRICAL UTILITY AND STREET LIGHTING			
DESIGNED BY: S.M.	DATE:	PLOT SCALE:	PLOT DATE:
DRAWN BY: P.A.C.	10/01/98	480	10/01/98
CHECKED BY: S.M.	CADD FILE: 5143E001		FILE NO.
SUBMITTED BY: J. PEPPER, P.E.	SOLICITATION NO.		H-4-45060
PEPPER & ASSOCIATES, INC. DESIGN ENGINEER	DACW29-99-B-0007		DWG. E1 OF E14

ONLY ELECTRICAL UTILITIES SHOWN ON THIS SHT.
REFER TO SHT. 5 FOR ALL OTHER EXISTING UTILITIES.



SWITCHGEAR LINEUP #2



SWITCHGEAR LINEUP NO1

REV.	DATE	DESCRIPTION	BY
3-1-88		DELETED AUX. CT'S	G.P.S.
3-1-88		REVISED LINEUP #2	G.P.S.
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
ONE LINE DIAGRAM			
CONTRACT 6187			
PROPOSED MEDIUM VOLTAGE 25 HERTZ SWITCHGEAR FOR DRAINAGE STATION I			
DR. K. HELWICK	<i>Joseph Sullivan</i> GENERAL SUPERINTENDENT		
TRC.			
CK. G.P.S.			
AP. G. SARRAT			
SCALE NONE	DWG. No. 4864 - P1		
DATE 5-14-87	SETNO.	SHEETNO.	

BUS TIE AUX. AND CABLE TIE

BUS TIE NO.1

D PUMP RUN BKR

202 FDR / D PUMP PT'S

204 FDR / E PUMP PT'S

E PUMP RUN BKR

BUS TIE AUX

BUS TIE NO.2

2AC FDR PT'S

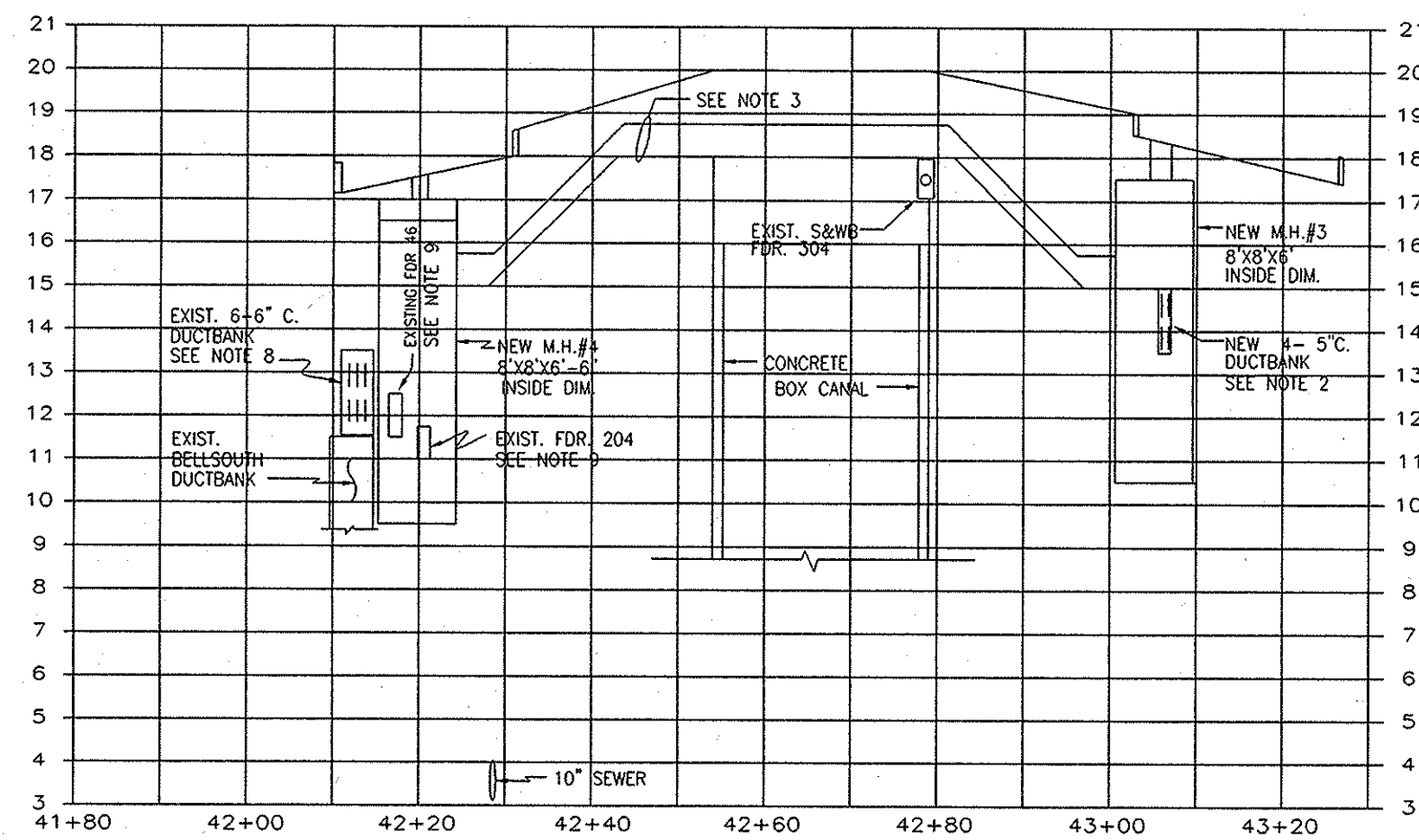
46 FDR / C PUMP PT'S

C PUMP RUN BKR

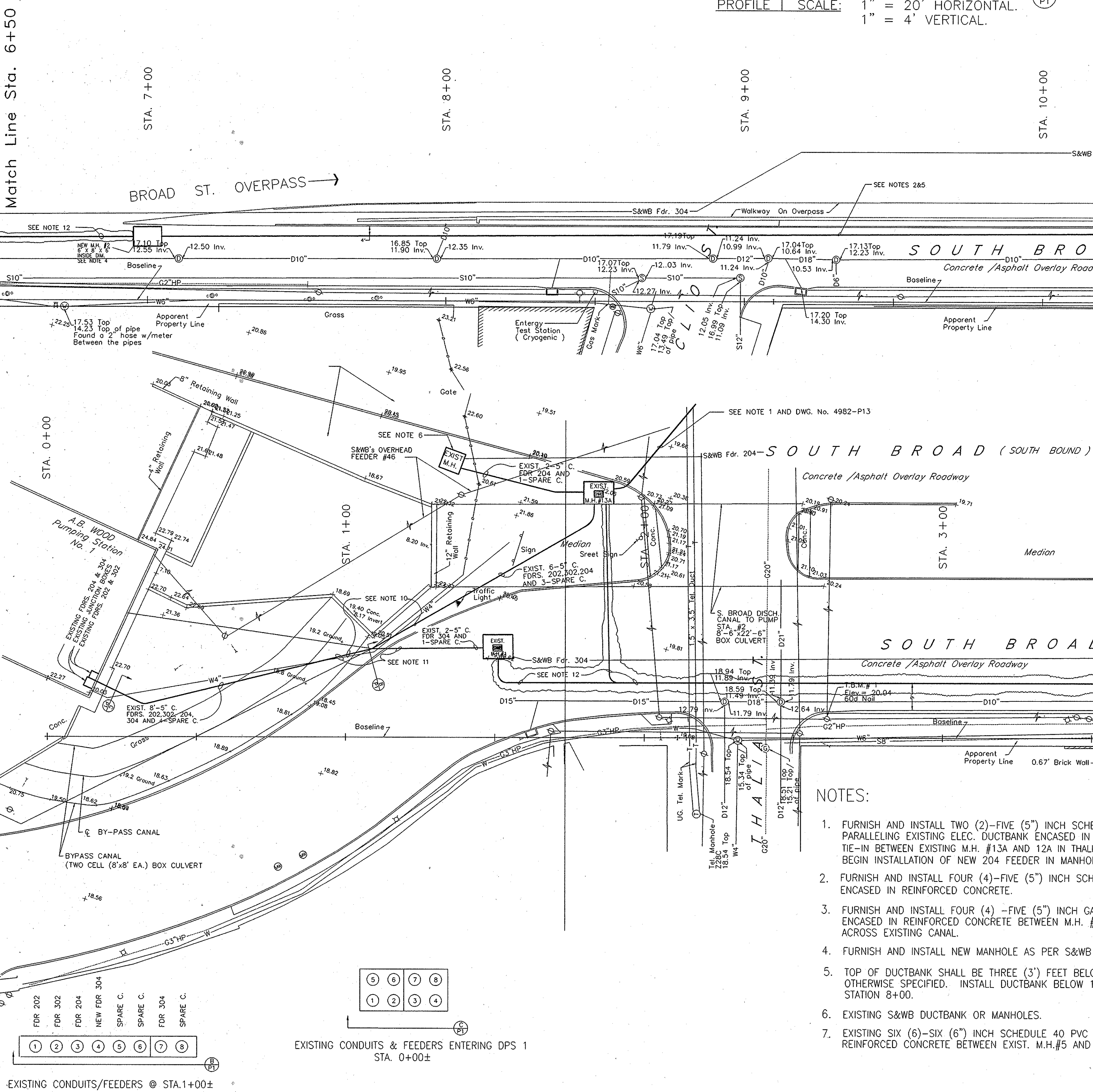
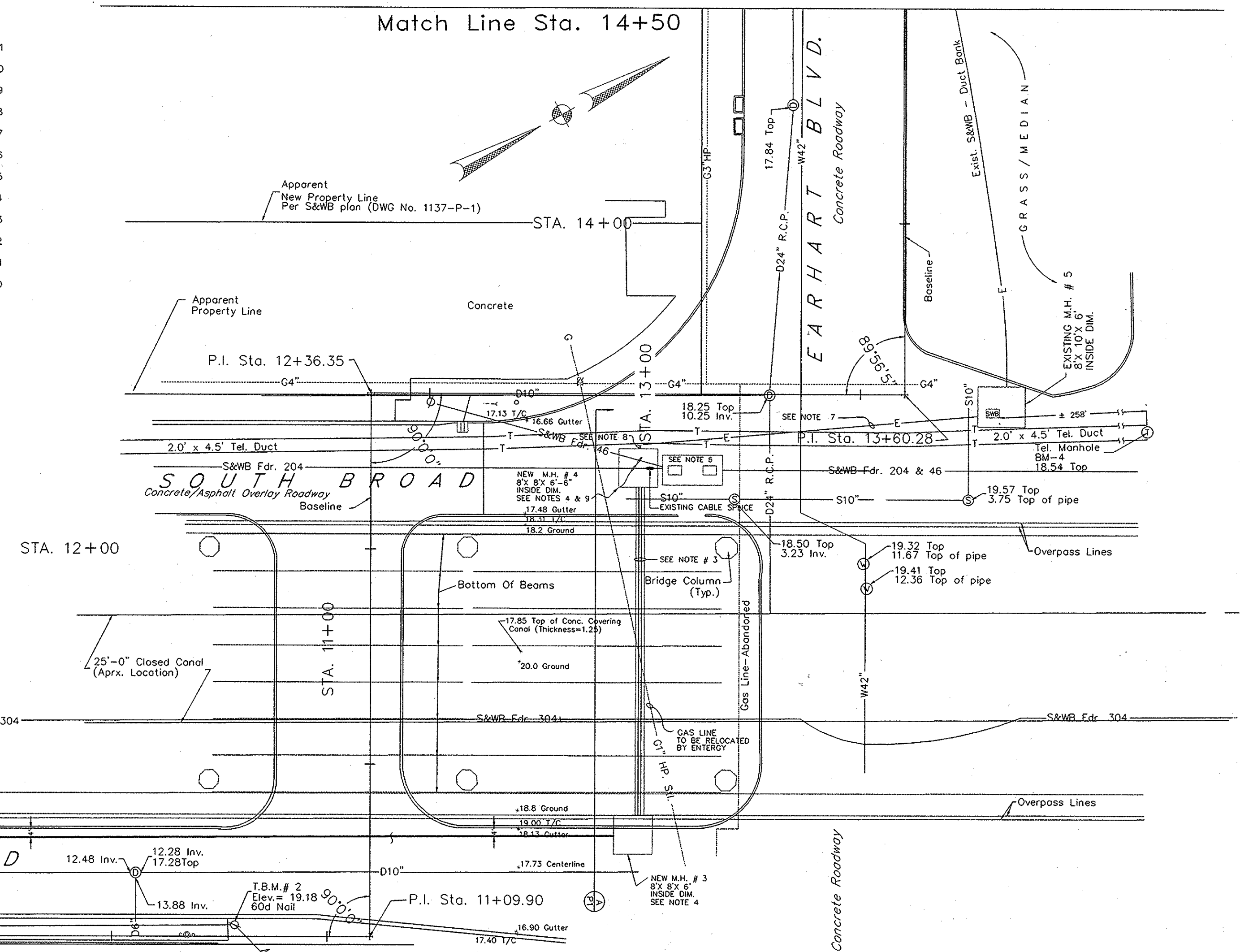
TREE LEGEND	
	Arbor Vitae
	Cedar
	Crepe Myrtle
	Cypress
	Elm
	Chinese Elm
	Drake Elm
	Hackberry
	Japanese Magnolia
	Magnolia
	Mulberry
	Sycamore
	Oak
	Live Oak
	White Oak
	Palm
	Pecan
	Pine
	Tallow
	Willow
	Maple
	Tree (Misc.)
	Stump
	Shrub
	S = Spread

SYMBOL LEGEND	
	BOLLARD
	CATCH BASIN
	CROSS
	DRAIN CLEAN OUT
	RECT. DROP INLET
	DRAIN MANHOLE
	ELECTRIC MANHOLE
	FIRE HYDRANT
	GAS MANHOLE
	GAS METER
	GAS VALVE
	GUY ANCHOR
	LIGHT POLE
	MAIL BOX
	NPSH MANHOLE
	OVERHEAD LINES
	ROUND DROP INLET
	SQUARE DROP INLET
	SEWER CLEAN OUT
	MONITOR WELL
	LA. DEPT. OF HWYS. MANHOLE
	SEWER MANHOLE

SYMBOL LEGEND	
	SIGN
	TELEPHONE MANHOLE
	TRAFFIC SIGNAL
	WATER MANHOLE
	WATER METER
	WATER VALVE
	DRAIN LINE
	SEWER LINE
	GAS LINE
	WATER LINE
	U/G TELE. (BellSouth)
	U/G ELECTRIC
	OVERHEAD LINES ELEC/TELEPH/CABLE
	CHAIN LINK FENCE
	WOOD FENCE
	S&WB NEW ELEC. DUCTBANK
	CONC. CONCRETE
	BOT. BOTTOM
	TOP OF CASTING
	T/C TOP OF CURB



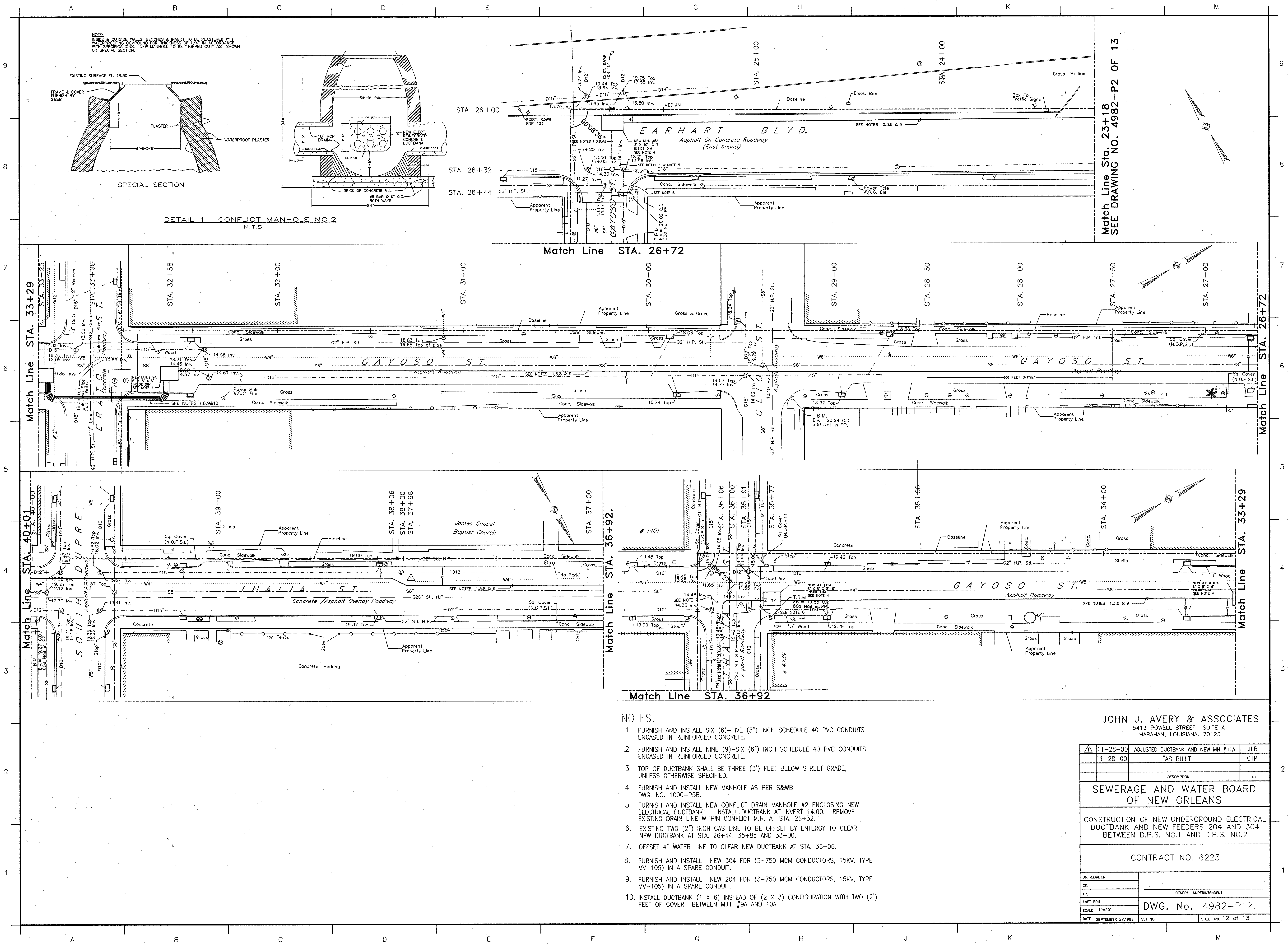
S. BROAD & FARHART BLVD.
PROFILE | SCALE: 1" = 20' HORIZONTAL.
1" = 4' VERTICAL.



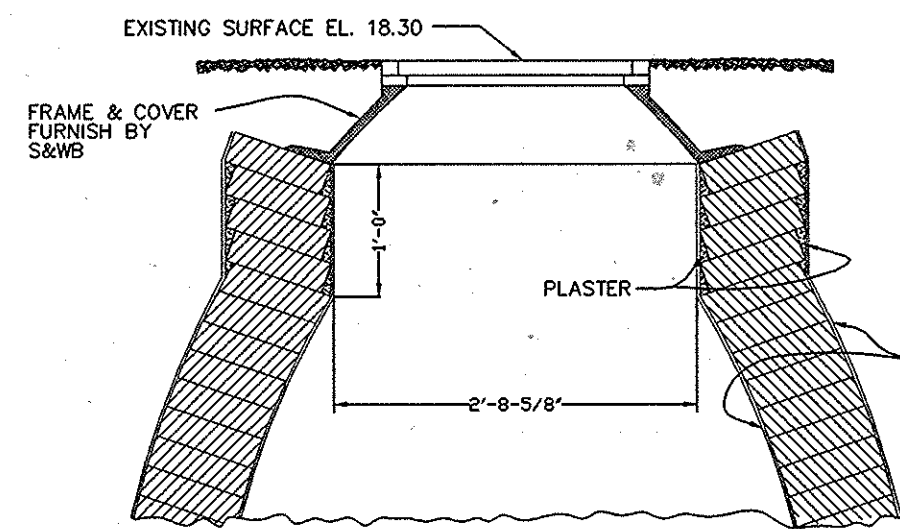
NOTES:

- FURNISH AND INSTALL TWO (2)-FIVE (5") INCH SCHEDULE 40 PVC CONDUITS PARALLELING EXISTING ELEC. DUCTBANK ENCASED IN REINFORCED CONCRETE. TIE-IN BETWEEN EXISTING M.H. #13A AND 12A IN THALIA ST. SEE DWG. 4982-P13. BEGIN INSTALLATION OF NEW 204 FEEDER IN MANHOLE # 13A.
- FURNISH AND INSTALL FOUR (4)-FIVE (5") INCH SCHEDULE 40 PVC CONDUITS ENCASED IN REINFORCED CONCRETE.
- FURNISH AND INSTALL FOUR (4)-FIVE (5") INCH GALV. STEEL CONDUITS ENCASED IN REINFORCED CONCRETE BETWEEN M.H. #3 AND 4 ACROSS EXISTING CANAL.
- FURNISH AND INSTALL NEW MANHOLE AS PER S&WB DWG. NO. 1000-P5B.
- TOP OF DUCTBANK SHALL BE THREE (3") FEET BELOW STREET GRADE, UNLESS OTHERWISE SPECIFIED. INSTALL DUCTBANK BELOW 10" DRAIN LINE AT STATION 8+00.
- EXISTING S&WB DUCTBANK OR MANHOLES.
- EXISTING SIX (6)-SIX (6") INCH SCHEDULE 40 PVC CONDUITS ENCASED IN REINFORCED CONCRETE BETWEEN EXIST. M.H. #5 AND STA. 13+00.
- EXTEND EXISTING DUCTBANK INTO NEW M.H. #4 USING SIX (6)- (6") INCH TWO OR THREE FEET RADIUS ELBOWS FROM STA. 13+00.
- REMOVE EXISTING CONCRETE ENCASUREMENT FROM EXISTING FEEDERS #46 AND 204 BY HAND USING ONLY A MAUL OR POWER OPERATED CHIPPING HAMMERS. STANDARD AIR OPERATED JACKHAMMERS WILL NOT BE ALLOWED WITHIN NEW MANHOLE #4.
- FURNISH AND INSTALL NEW 304 FDR (3-750 MCM CONDUCTORS, 15KV, TYPE MV-105) IN SPARE CONDUIT.
- CUT AND REMOVE EXIST. FDR 304 (3-SINGLE CONDUCTORS, 15KV, 500 MCM) WITHIN EXISTING JUNCTION BOX (ELIMINATING EXIST. SPLICES) INSIDE OF D.P.S. #1 AND EXISTING M.H. #1. INSTALL AND SPLICE NEW CONDUCTORS (SEE NOTE 10) FROM INSIDE OF JUNCTION BOX TO EXIST. M.H. #13A.
- FUTURE DUCTBANK BETWEEN EXISTING M.H. #1 AND 13A TO M.H. #2 (STA. 7+00) IS NOT PART OF THIS CONTRACT SHOWN WITHIN CLOUDED AREA.
- DUCTBANK CONSTRUCTION SHALL BE AS SHOWN ON TYPICAL DETAILS, DWG. 1000-P5B.

11-28-00	"AS BUILT"	CTP
DESCRIPTION		
BY		
SEWERAGE AND WATER BOARD OF NEW ORLEANS		
CONSTRUCTION OF NEW UNDERGROUND ELECTRICAL DUCTBANK AND NEW FEEDERS 204 AND 304 BETWEEN D.P.S. NO.1 AND D.P.S. NO.2		
CONTRACT NO. 6223		
DR. J. B. ADON	GENERAL SUPERINTENDENT	
CK.		
AP.		
LAST EDIT	DWG. No. 4982-P1	
SCALE 1"=20'-0"	SHEET NO. 1 OF 13	
DATE SEPTEMBER 27, 1999	SET NO.	



NOTE:
INSIDE & OUTSIDE WALLS, BENCHES & INVERT TO BE PLASTERED WITH
WATERPROOFING COMPOUND FOR THICKNESS OF 1/4" IN ACCORDANCE
WITH SPECIFICATIONS. NEW MANHOLE TO BE TOPPED OUT AS SHOWN
ON SPECIAL SECTION.



SPECIAL SECTION

DETAIL 1- CONFLICT MANHOLE NO.2
N.T.S.

Match Line STA. 26+72

Match Line STA. 26+72

Match Line STA. 33+29

Match Line STA. 33+29

Match Line STA. 36+92

Match Line STA. 36+92

NOTES:

- FURNISH AND INSTALL SIX (6)-FIVE (5") INCH SCHEDULE 40 PVC CONDUITS ENCASED IN REINFORCED CONCRETE.
- FURNISH AND INSTALL NINE (9)-SIX (6") INCH SCHEDULE 40 PVC CONDUITS ENCASED IN REINFORCED CONCRETE.
- TOP OF DUCTBANK SHALL BE THREE (3') FEET BELOW STREET GRADE, UNLESS OTHERWISE SPECIFIED.
- FURNISH AND INSTALL NEW MANHOLE AS PER S&WB DWG. NO. 1000-P5B.
- FURNISH AND INSTALL NEW CONFLICT DRAIN MANHOLE #2 ENCLOSING NEW ELECTRICAL DUCTBANK. INSTALL DUCTBANK AT INVERT 14.00. REMOVE EXISTING DRAIN LINE WITHIN CONFLICT M.H. AT STA. 26+32.
- EXISTING TWO (2") INCH GAS LINE TO BE OFFSET BY ENTERGY TO CLEAR NEW DUCTBANK AT STA. 26+44, 35+85 AND 33+00.
- OFFSET 4" WATER LINE TO CLEAR NEW DUCTBANK AT STA. 36+06.
- FURNISH AND INSTALL NEW 304 FDR (3-750 MCM CONDUCTORS, 15KV, TYPE MV-105) IN A SPARE CONDUIT.
- FURNISH AND INSTALL NEW 204 FDR (3-750 MCM CONDUCTORS, 15KV, TYPE MV-105) IN A SPARE CONDUIT.
- INSTALL DUCTBANK (1 X 6) INSTEAD OF (2 X 3) CONFIGURATION WITH TWO (2') FEET OF COVER BETWEEN M.H. #9A AND 10A.

JOHN J. AVERY & ASSOCIATES
5413 POWELL STREET SUITE A
HARAHAN, LOUISIANA. 70123

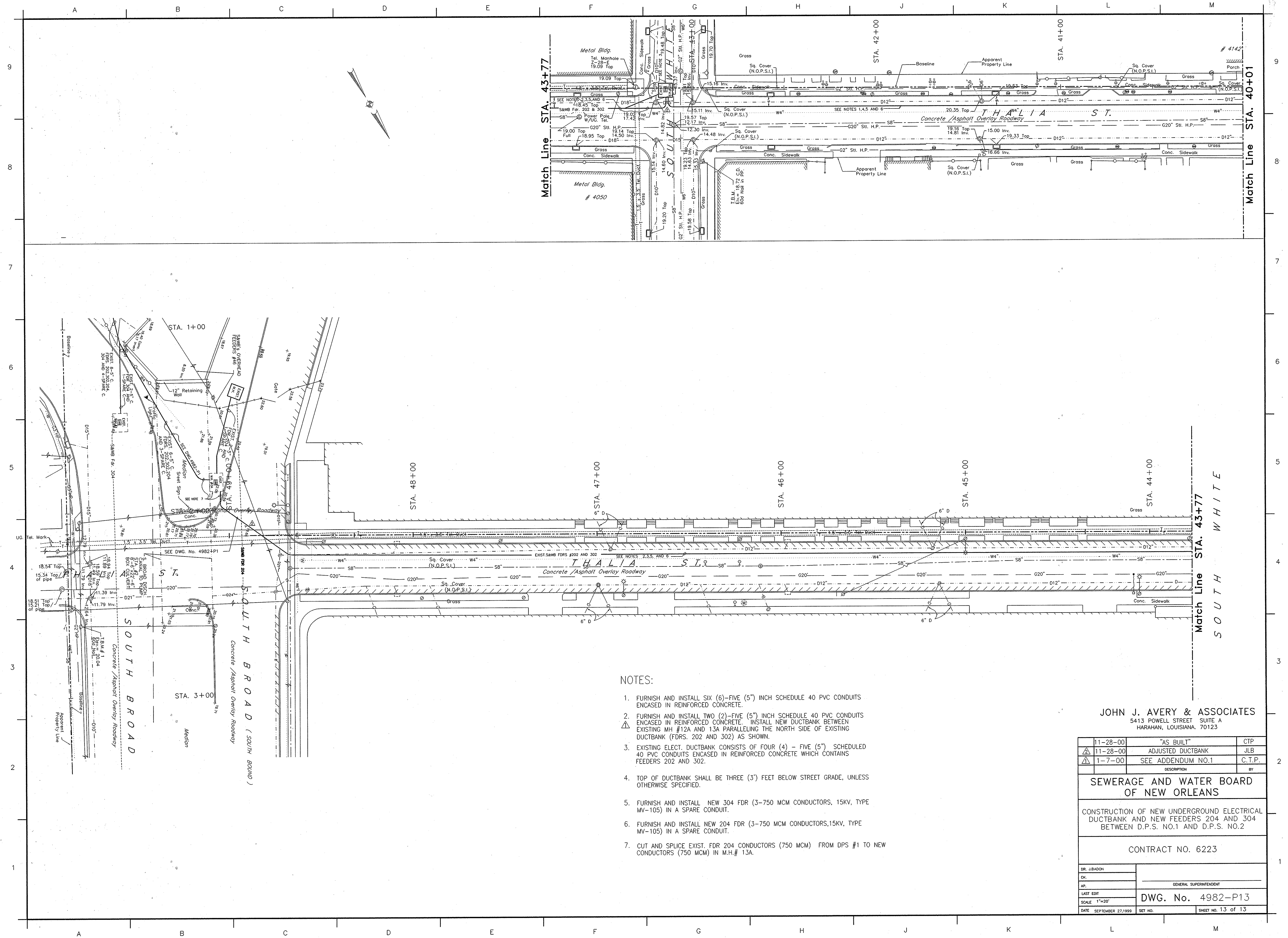
11-28-00	ADJUSTED DUCTBANK AND NEW MH #11A	JLB
11-28-00	"AS BUILT"	CTP
DESCRIPTION		BY

SEWERAGE AND WATER BOARD
OF NEW ORLEANS

CONSTRUCTION OF NEW UNDERGROUND ELECTRICAL
DUCTBANK AND NEW FEEDERS 204 AND 304
BETWEEN D.P.S. NO.1 AND D.P.S. NO.2

CONTRACT NO. 6223

DR. J. BADON	GENERAL SUPERINTENDENT	
CK.		
AP.		
LAST EDIT		
SCALE 1"=20'	DWG. No. 4982-P12	
DATE SEPTEMBER 27, 1999	SET NO.	SHEET NO. 12 OF 13



NOTES:

1. FURNISH AND INSTALL SIX (6)-FIVE (5") INCH SCHEDULE 40 PVC CONDUITS ENCASED IN REINFORCED CONCRETE.
2. FURNISH AND INSTALL TWO (2)-FIVE (5") INCH SCHEDULE 40 PVC CONDUITS ENCASED IN REINFORCED CONCRETE. INSTALL NEW DUCTBANK BETWEEN EXISTING MH #12A AND 13A PARALLELING THE NORTH SIDE OF EXISTING DUCTBANK (FDRS. 202 AND 302) AS SHOWN.
3. EXISTING ELECT. DUCTBANK CONSISTS OF FOUR (4) - FIVE (5") SCHEDULED 40 PVC CONDUITS ENCASED IN REINFORCED CONCRETE WHICH CONTAINS FEEDERS 202 AND 302.
4. TOP OF DUCTBANK SHALL BE THREE (3') FEET BELOW STREET GRADE, UNLESS OTHERWISE SPECIFIED.
5. FURNISH AND INSTALL NEW 304 FDR (3-750 MCM CONDUCTORS, 15KV, TYPE MV-105) IN A SPARE CONDUIT.
6. FURNISH AND INSTALL NEW 204 FDR (3-750 MCM CONDUCTORS, 15KV, TYPE MV-105) IN A SPARE CONDUIT.
7. CUT AND SPLICE EXIST. FDR 204 CONDUCTORS (750 MCM) FROM DPS #1 TO NEW CONDUCTORS (750 MCM) IN M.H.# 13A.

JOHN J. AVERY & ASSOCIATES
5413 POWELL STREET SUITE A
HARAHAN, LOUISIANA. 70123

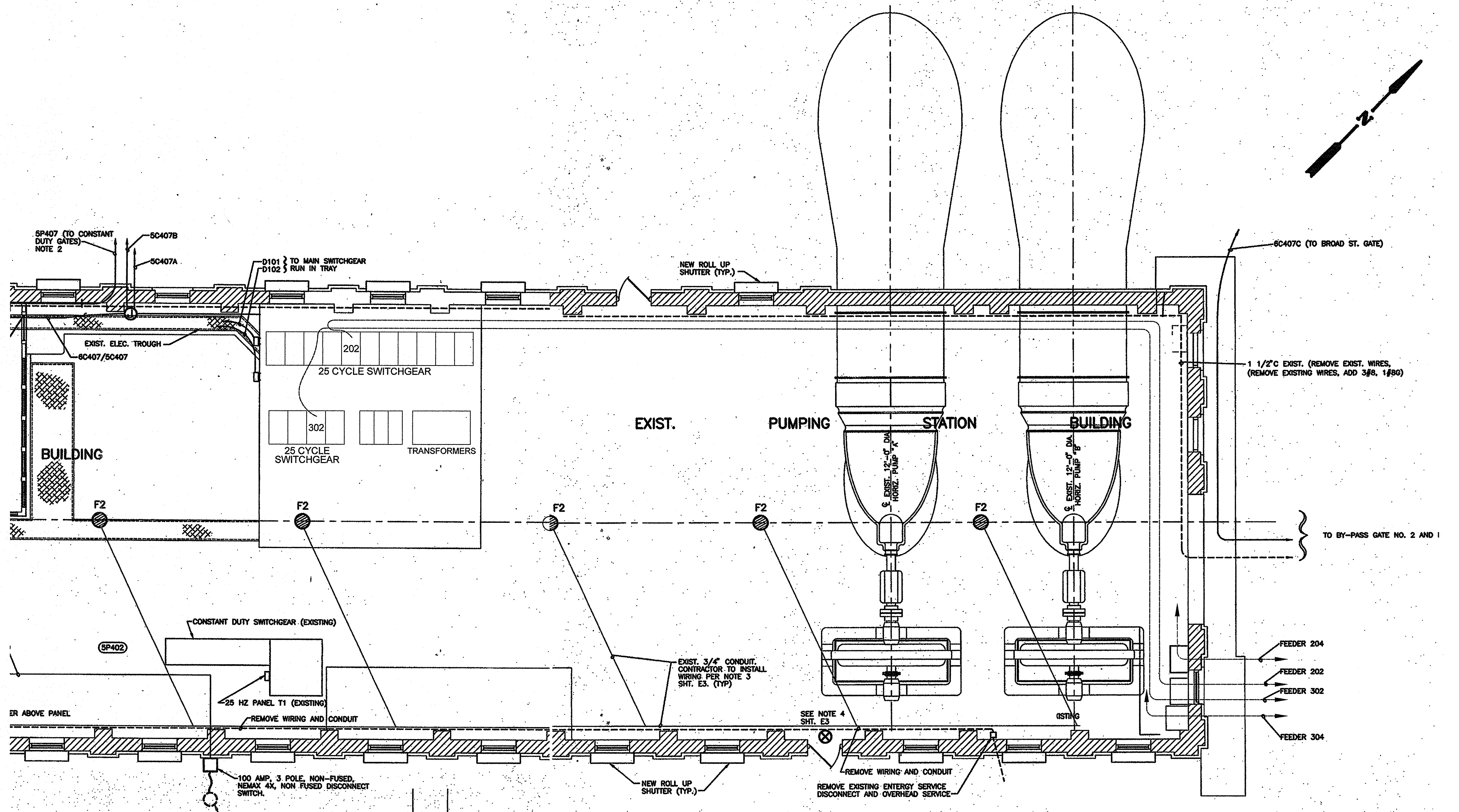
11-28-00	"AS BUILT"	CTP
11-28-00	ADJUSTED DUCTBANK	JLB
1-7-00	SEE ADDENDUM NO.1	C.T.P.

SEWERAGE AND WATER BOARD
OF NEW ORLEANS

CONSTRUCTION OF NEW UNDERGROUND ELECTRICAL
DUCTBANK AND NEW FEEDERS 204 AND 304
BETWEEN D.P.S. NO.1 AND D.P.S. NO.2

CONTRACT NO. 6223

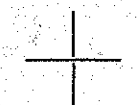
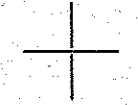
DR. J. BADON	
AP.	GENERAL SUPERINTENDENT
LAST EDIT	DWG. No. 4982-P13
SCALE 1"=20'	
DATE SEPTEMBER 27, 1999	SHEET NO. 13 OF 13



PARTIAL VIEW OF DRAINAGE PUMPING STATION 1

REV.	DATE	DESCRIPTION	BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
PARTIAL VIEW OF DPS No.1 BUILDING			
ROUTE OF ELECTRICAL FEEDERS 302 AND 202			
DR. CELSO ANTUNEZ	GENERAL SUPERINTENDENT		
LAST EDIT			
OK.			
AP.	DWG. No.		
SCALE NONE			
DATE JUNE 3, 2014	SET NO.	SHEET NO.	1 OF

AS-BUILT MAPS FOR DPS 2



7. BROAD AVE.

CONTI ST.

ST LOUIS ST.

LAFITTE ST.

TOULOUSE ST.

DRAINAGE STATION NO. 2

16 FEEDER

406 FDR, 2-4" SPARE

FDR 406
FDR 80
SPARE

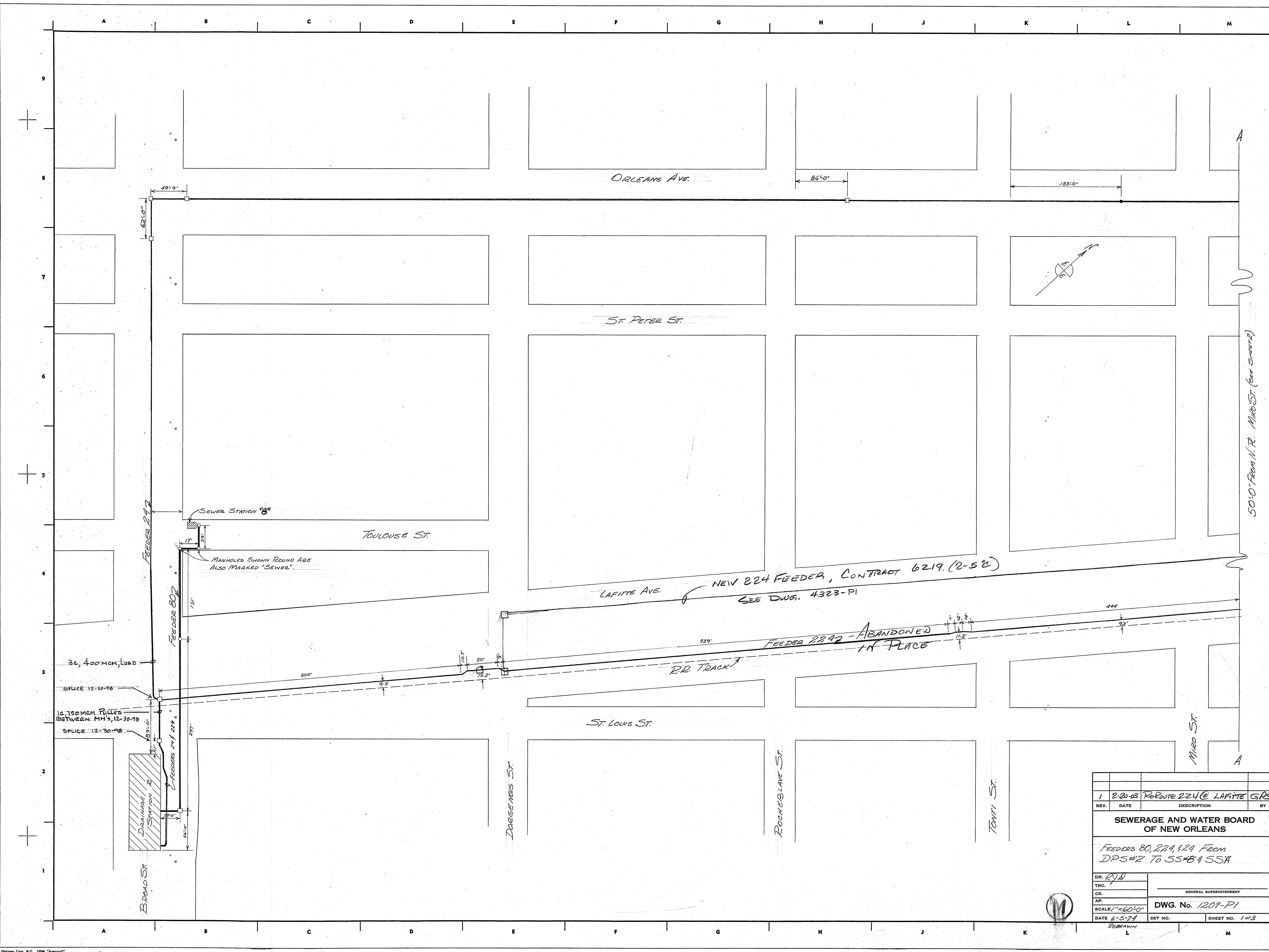
CANAL

Water Meter

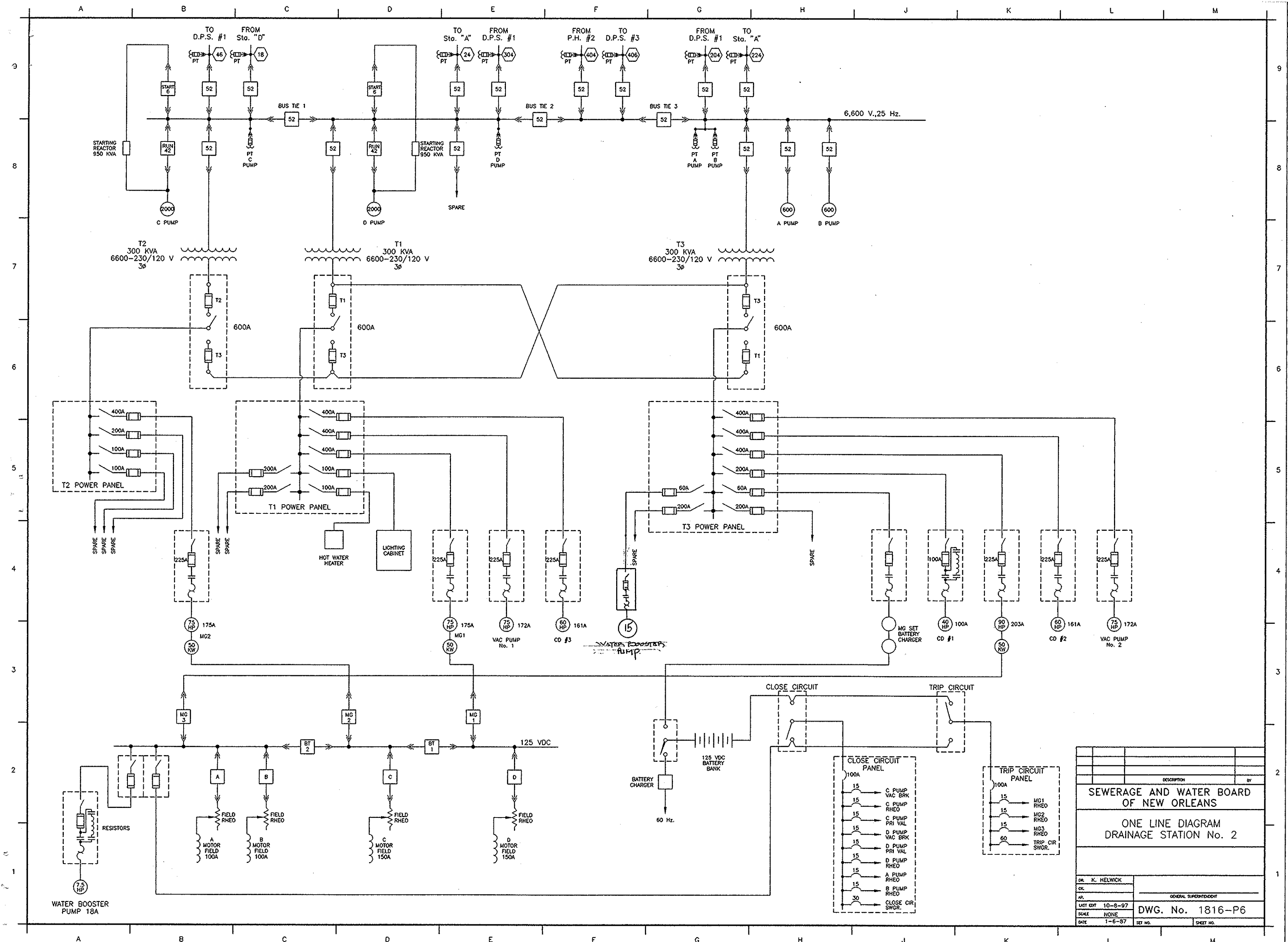
Water Meter

SSB

2.	3-31-87	REVISED PLOTS AT STATION	S.P.S.
1.	052377	MAJOR CHANGE AND ADDED SOME DIMENSIONS FOR CABLES DRAINAGE STATION 2	C. B. JOU
REV.	DATE	DESCRIPTION	BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
VARIOUS CABLES ENTERING AND LEAVING DRAINAGE STATION 2			
DR.	HLQ		
TRC.			
CK.		GENERAL SUPERINTENDENT	
AP.			
SCALE	1" = 30'	DWG. No. 1138.P.1	
DATE	6-8-61	SET NO.	SHEET NO.



1	8-20-03	ReRoute 224 @ LAfITE	GPS
REV.	DATE	DESCRIPTION	BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
FEEDERS 80, 224 & 224 From DPS #2 To SS #8 & 55A			
DR. <i>29.8</i>			
TRC.			
CK.	GENERAL SUPERINTENDENT		
AP.			
SCALE: " = 60'-0"	DWG. No. 1207-P1		
DATE 6-5-79	SET NO.	SHEET NO. 1 of 3	
REBRAIN			



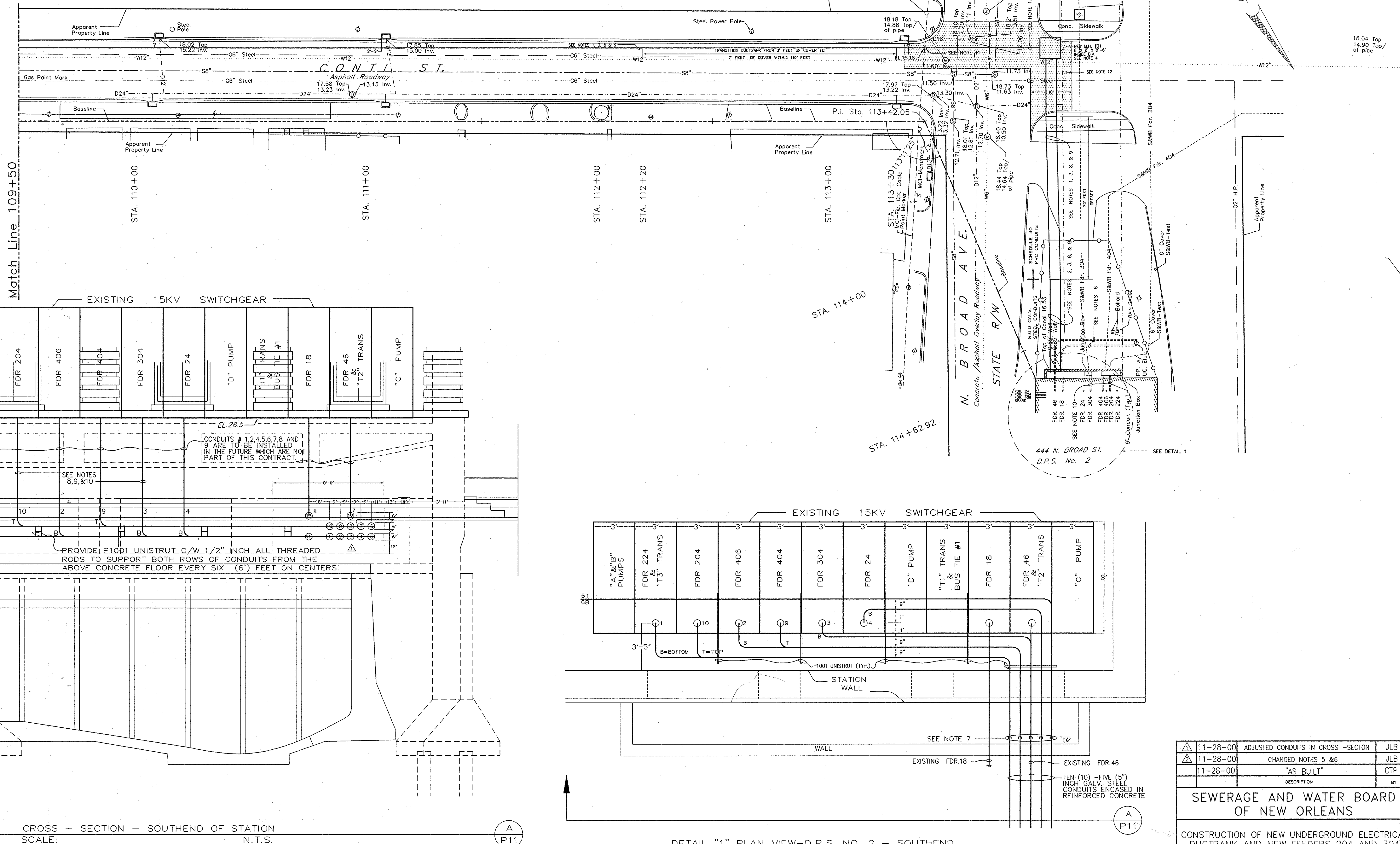
DESCRIPTION		BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS		
ONE LINE DIAGRAM DRAINAGE STATION No. 2		
DR. K. HELWICK		
CL.		
AP.		
LAST EXT. 10-8-97		
SCALE NONE		
DATE 1-6-97	SET NO.	SHEET NO.
DWG. No. 1816-P6		

NOTES

- FURNISH AND INSTALL TEN(10)-FIVE (5") INCH SCHEDULE 40 PVC CONDUITS ENCASED IN REINFORCED CONCRETE. CONSTRUCT DUCTBANK 2 DOWN X 5 ACROSS.
- FURNISH AND INSTALL TEN(10)-FIVE (5") INCH GALV. STEEL CONDUITS ENCASED IN REINFORCED CONCRETE. CONSTRUCT DUCTBANK 2 DOWN X 5 ACROSS.
- TOP OF DUCTBANK SHALL BE THREE (3') FEET BELOW STREET GRADE, UNLESS OTHERWISE SPECIFIED.
- FURNISH AND INSTALL NEW MANHOLE AS PER S&WB. DWG. NO. 1000-P5B.
- CORE ELEVEN (11) -SIX (6") INCH HOLES THRU CONCRETE WALL #1,2,4,5,6,7,8,9,10, 12 AND 13 AS SHOWN. CORE #3 (FDR.#46) AND CORE #11 (FDR.#18) ARE EXISTING.
- REMOVE EXISTING REINFORCED CONCRETE ENCASUREMENT ON FDRS # 18 AND 46 FROM STATION CONCRETE WALL TO EXISTING POWER POLE AS SHOWN. THEN, REROUTE EXISTING FDR #46 (CORE #3) THRU CORE #12 AND FDR # 18 (CORE # 11) THRU CORE

- BOTH FEEDERS # 18 AND 46 SHALL BE ELEVATED NINETEEN (19") INCH UPWARD BETWEEN THE POWER POLE AND STATION CONCRETE WALL TO CLEAR INSTALLATION OF NEW DUCTBANK. EACH FDR CONDUIT AND CONDUCTORS SHALL BE ADJUSTED AT THE POWER POLE AND BELOW THE STATION FLOOR ENTERING THE SWITCHGEAR BREAKERS. SEAL EXIST. CORE #11 WITH GROUT.
- EXTEND EACH CONDUIT #1 THRU 10 SIX (6") INCHES PAST WALL AND CAP EXCEPT, CONDUITS #3 (FDR 304) AND # 10 (FDR 204) SHALL BE INSTALLED AS SHOWN TO EACH EXISTING SWITCHGEAR BREAKER.
- FURNISH AND INSTALL NEW 304 FDR.(3-750 MCM CONDUCTORS, 15KV, TYPE MV-105) IN A SPARE CONDUIT.
- FURNISH AND INSTALL NEW 204 FDR.(3-750 MCM CONDUCTORS, 15KV, TYPE MV-105) IN A SPARE CONDUIT.
- REMOVE EXISTING CONDUIT AND CONDUCTORS FROM EACH EXIST. BREAKER TO JUNCTION BOX AND TERMINATE NEW CONDUCTORS (204 AND 304 FEEDERS) TO BUS BAR INSIDE EACH BREAKER (15 KV SWITCHGEAR).
- CONTRACTOR SHALL NOTIFY MCI TO PHYSICALLY LOCATE AND VERIFY THE DEPTH OF THEIR FIBER OPTICS CABLE BEFORE PERFORMING WORK IN THIS AREA.

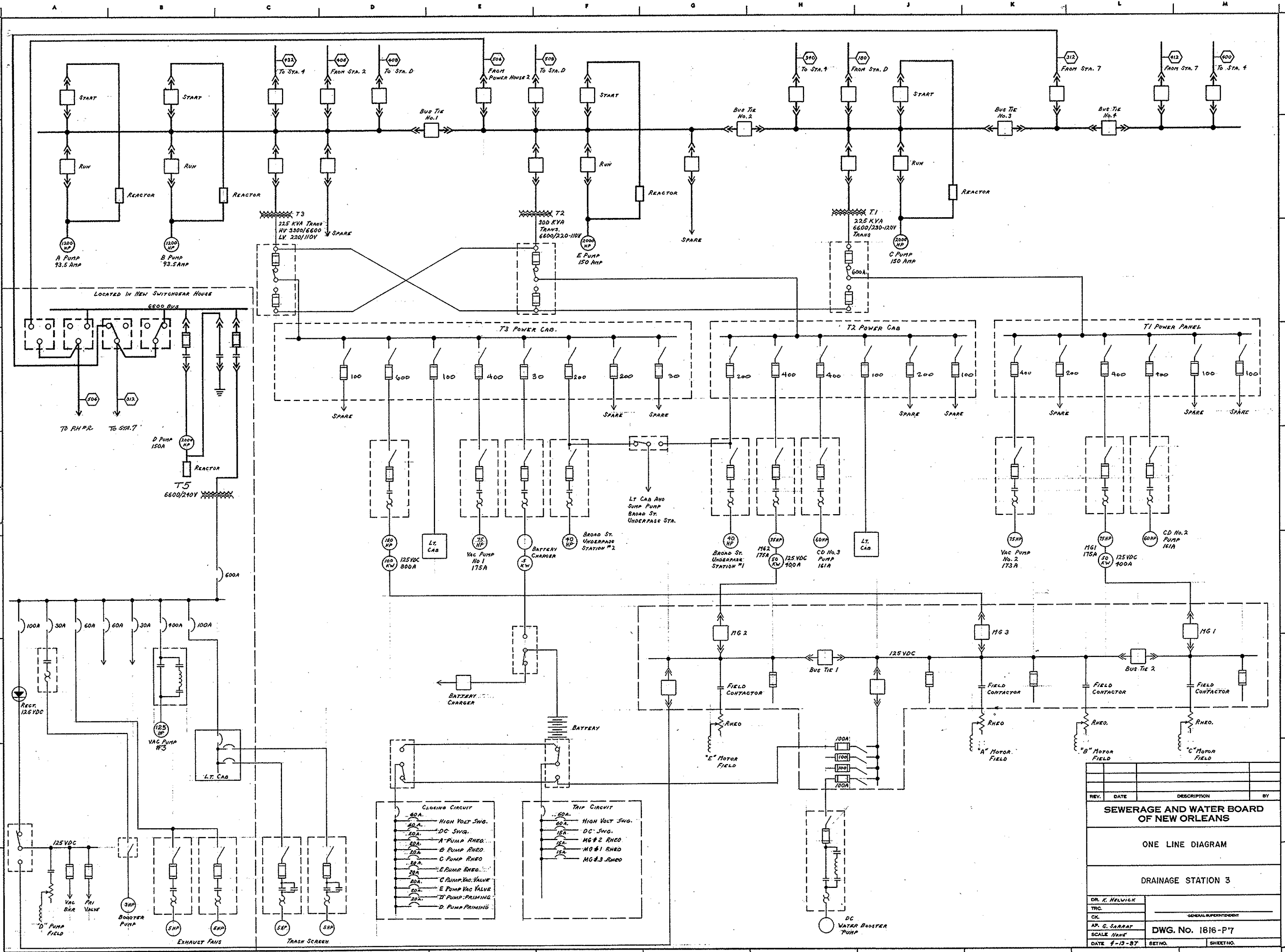
- ADDITIONAL ASPHALT MILLING AND RESTORATION SHALL BE PERFORMED TO A DEPTH OF TWO (2") INCHES AS SHOWN WITHIN THE SHADED AREA.
- INSTALL TOP OF DUCTBANK 7'-0" BELOW TOP OF STREET GRADE BETWEEN STA. 113+30 AND M.H. # 31.



JOHN J. AVERY & ASSOCIATES
5413 POWELL STREET SUITE A
HARRAHAN, LOUISIANA. 70123

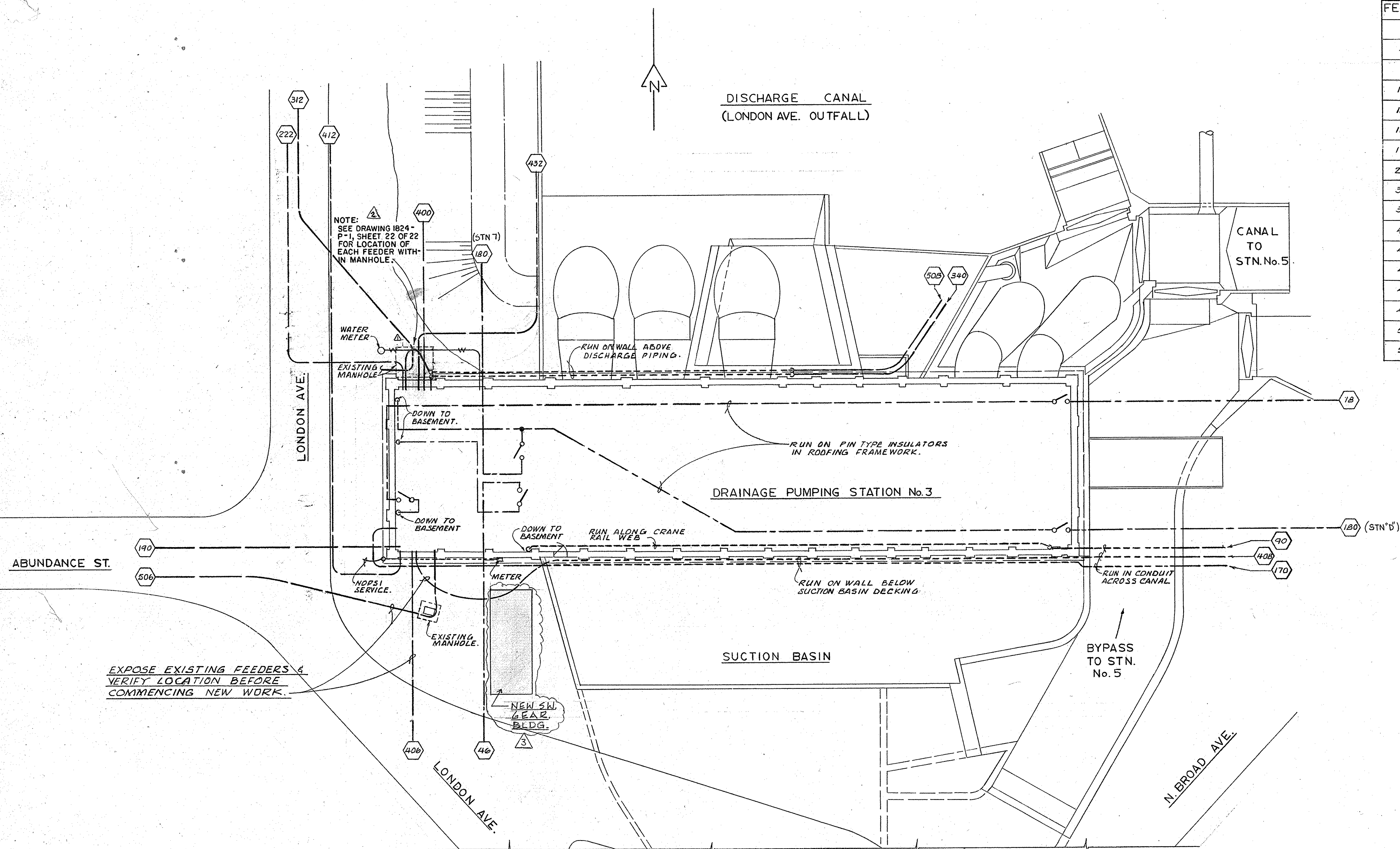
11-28-00	ADJUSTED CONDUITS IN CROSS -SECTION	JLB
11-28-00	CHANGED NOTES 5 & 6	JLB
11-28-00	"AS BUILT"	CTP
SEWERAGE AND WATER BOARD OF NEW ORLEANS		
CONSTRUCTION OF NEW UNDERGROUND ELECTRICAL DUCTBANK AND NEW FEEDERS 204 AND 304 BETWEEN D.P.S. NO.1 AND D.P.S. NO.2		
CONTRACT NO. 6223		
DR. JIBADON	GENERAL SUPERINTENDENT	
CK.		
AP.		
LAST EDIT		
SCALE 1"=20'	DWG. No. 4982-P11	
DATE SEPTEMBER 27,1999	SET NO.	SHEET NO. 11 OF 13

AS-BUILT MAPS FOR DPS 3

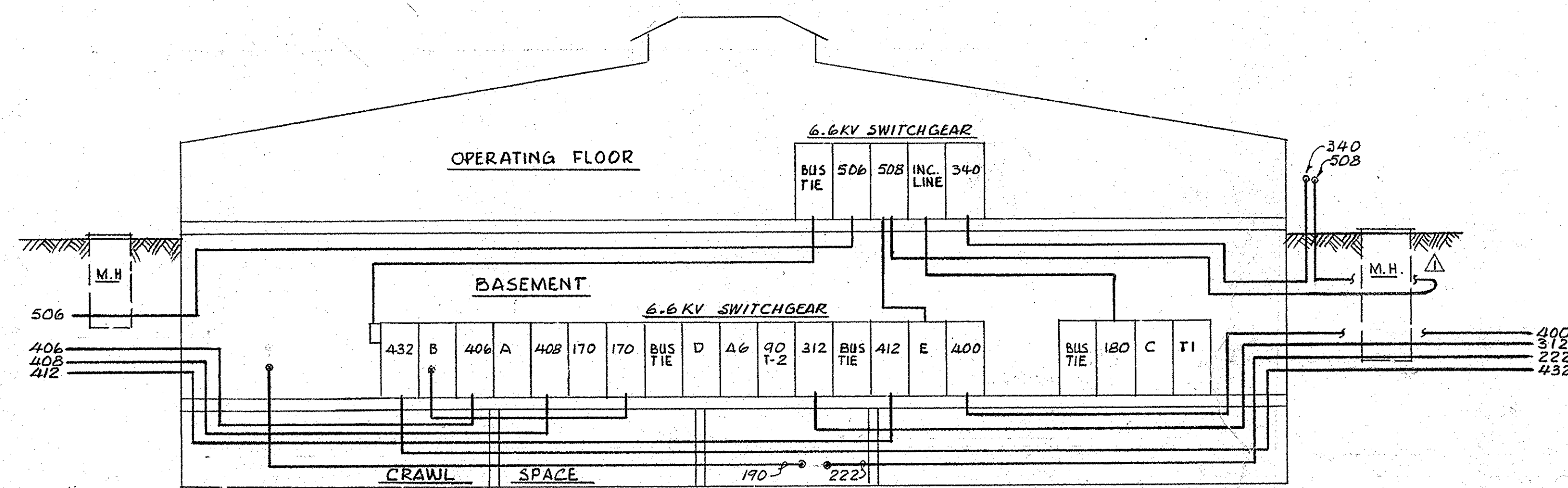


REV.	DATE	DESCRIPTION	BY
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
ONE LINE DIAGRAM			
DRAINAGE STATION 3			
DR. K. HELMICK		GENERAL SUPERINTENDENT	
CHK.		DWG. No. 1816-P7	
AP. G. SARRAT		SCALE 1/8" = 1'	
DATE 9-13-37		SHEET NO.	

EXISTING 6.6KV, 25Hz, 3PH. FEEDERS LEAVING DRAINAGE PUMPING STATION No.3			
FEEDER	SIZE	DESTINATION	REMARKS
18	3-1/2" 350MCM	PUMPING STN. D	OVERHEAD. NO CHANGE.
46	9-1/2" #2/0	DRAINAGE STNS. No.142	OVERHEAD. RECONNECTED THIS CONTRACT.
90	3/4" #6	SEWAGE STN. No.9	UNDERGROUND. NO CHANGE
170	3/4" #2	SEWAGE STN. No.17	" " "
180	3-1/2" 350MCM	PUMPING STN. D	OVERHEAD. NO CHANGE
180	9-1/2" #3/0	DRAINAGE STN. No.7	" " "
190	3/4" #2/0	SEWAGE STN. No.19	UNDERGROUND. NO CHANGE
222	3/4" #4	ST. BERNARD U.P.	" " "
312	3/4" 600MCM	DRAINAGE STN. No.7	UNDERGROUND. RECONNECTED THIS CONTRACT.
340	3/4" 400MCM	DRAINAGE STN. No.4	UNDERGROUND. NO CHANGE
400	3/4" 400MCM	DRAINAGE STN. No.4	" " "
406	3/4" 600MCM	DRAINAGE STN. No.2	" " "
408	3/4" 600MCM	PUMPING STN. D	UNDERGROUND. RECONNECTED THIS CONTRACT.
412	3/4" 600MCM	DRAINAGE STN. No.7	UNDERGROUND. NO CHANGE
432	3/4" #1	DRAINAGE STN. No.4	" " "
506	3/4" 600MCM	POWERHOUSE No.2	UNDERGROUND. RECONNECTED THIS CONTRACT.
508	3/4" 600MCM	PUMPING STN. D	UNDERGROUND. NO CHANGE.

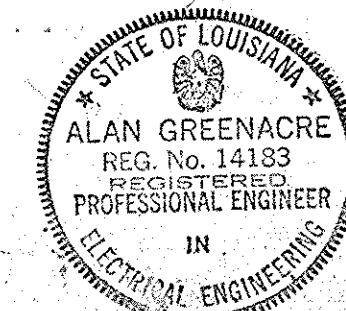


SITE PLAN - EXISTING 6.6KV FEEDERS
1/16" = 1' - 0"



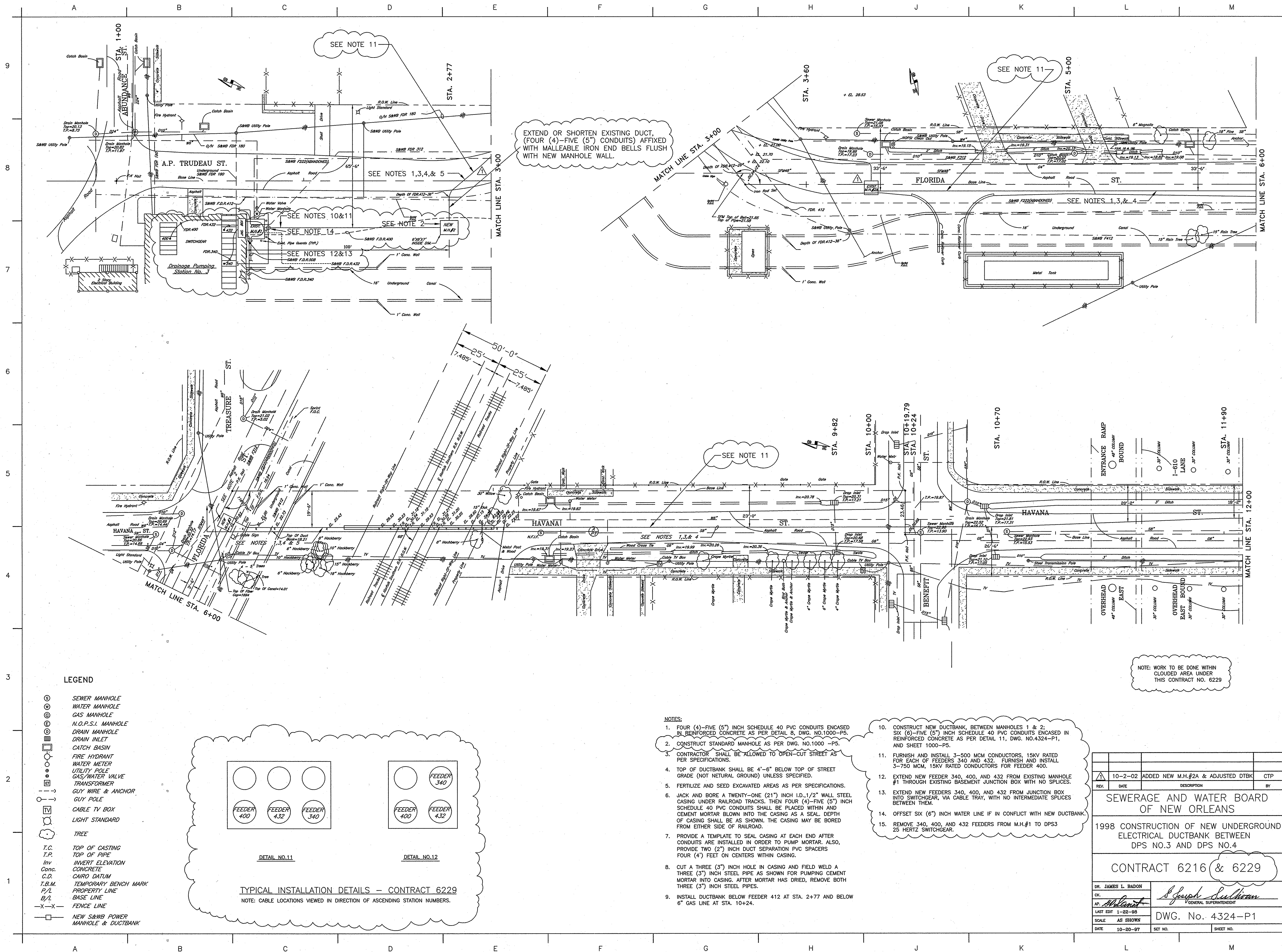
FEEDER RISER DIAGRAM - EXISTING
FEEDERS LVG. BASEMENT UNDERGROUND ONLY. N.T.S.

REV.	DATE	DESCRIPTION	BY
1	4-5-83	ADD SW. GEAR S.E. OF PUMP STA.	J.R.
2	2-25-82	ADDITIONS TO EXISTING MANHOLE	D. BELL
3	5-10-79	LOCATION OF M.H. & FOR 508	K.H.
SEWERAGE AND WATER BOARD OF NEW ORLEANS			
CONTRACT No. 6087 FLOODPROOFING AT DRAINAGE STATIONS No. 3, 6 & 7			
STATION No. 3 - SITE PLAN			
DR.	R.B. TAG	<i>General Superintendent</i>	
TRC.	A. G.		
AP.	M.G.Z.		
DATE	3-2-76		
ZERVIGON ASSOCIATES, INC. CONSULTING ENGINEERS NEW ORLEANS, LA.		DWG. No.	1824-P1
		SCALE	AS NOTED
		SHEET No.	1 OF 22



ZERVIGON ASSOCIATES, INC.
CONSULTING ENGINEERS
NEW ORLEANS, LA.





EXTEND OR SHORTEN EXISTING DUCT, (FOUR (4)-FIVE (5) CONDUITS) AFFIXED WITH MALLEABLE IRON END BELLS FLUSH WITH NEW MANHOLE WALL.

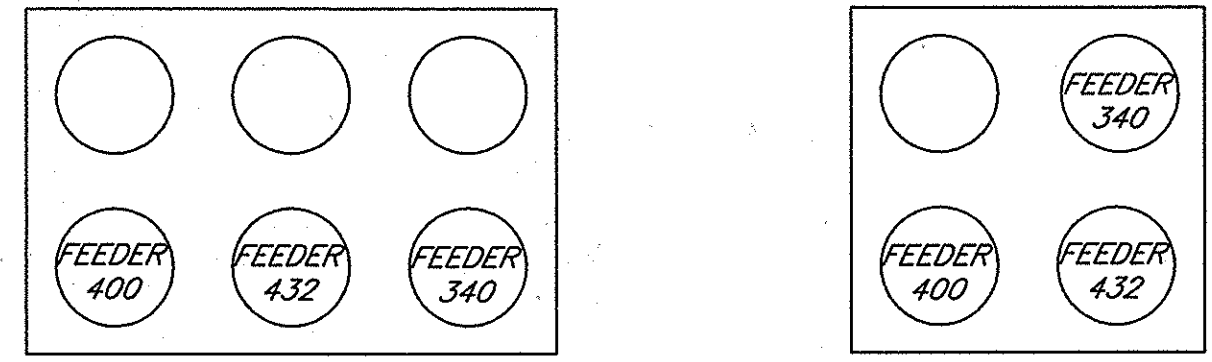
SEE NOTE 11

SEE NOTE 11

NOTE: WORK TO BE DONE WITHIN CLOUDED AREA UNDER THIS CONTRACT NO. 6229

LEGEND

- SEWER MANHOLE
- WATER MANHOLE
- GAS MANHOLE
- N.O.P.S.I. MANHOLE
- DRAIN MANHOLE
- DRAIN INLET
- CATCH BASIN
- FIRE HYDRANT
- WATER METER
- GAS/WATER VALVE
- TRANSFORMER
- GUY WIRE & ANCHOR
- GUY POLE
- CABLE TV BOX
- LIGHT STANDARD
- TREE
- T.C. TOP OF CASTING
- T.P. TOP OF PIPE
- Inv. INVERT ELEVATION
- Conc. CONCRETE
- C.D. CAIRO DATUM
- T.B.M. TEMPORARY BENCH MARK
- P/L PROPERTY LINE
- B/L BASE LINE
- X-X- FENCE LINE
- NEW SAWB POWER MANHOLE & DUCTBANK



DETAIL NO. 11
DETAIL NO. 12
TYPICAL INSTALLATION DETAILS - CONTRACT 6229
NOTE: CABLE LOCATIONS VIEWED IN DIRECTION OF ASCENDING STATION NUMBERS.

NOTES

- FOUR (4)-FIVE (5) INCH SCHEDULE 40 PVC CONDUITS ENCASED IN REINFORCED CONCRETE AS PER DETAIL 8, DWG. NO. 1000-P5.
- CONSTRUCT STANDARD MANHOLE AS PER DWG. NO. 1000-P5.
- CONTRACTOR SHALL BE ALLOWED TO OPEN-CUT STREET AS PER SPECIFICATIONS.
- TOP OF DUCTBANK SHALL BE 4'-6" BELOW TOP OF STREET GRADE (NOT NATURAL GROUND) UNLESS SPECIFIED.
- FERTILIZE AND SEED EXCAVATED AREAS AS PER SPECIFICATIONS.
- JACK AND BORE A TWENTY-ONE (21) INCH I.D., 1/2" WALL STEEL CASING UNDER RAILROAD TRACKS. THEN FOUR (4)-FIVE (5) INCH SCHEDULE 40 PVC CONDUITS SHALL BE PLACED WITHIN AND CEMENT MORTAR BLOWN INTO THE CASING AS A SEAL. DEPTH OF CASING SHALL BE AS SHOWN. THE CASING MAY BE BORED FROM EITHER SIDE OF RAILROAD.
- PROVIDE A TEMPLATE TO SEAL CASING AT EACH END AFTER CONDUITS ARE INSTALLED IN ORDER TO PUMP MORTAR. ALSO, PROVIDE TWO (2) INCH DUCT SEPARATION PVC SPACERS FOUR (4) FEET ON CENTERS WITHIN CASING.
- CUT A THREE (3) INCH HOLE IN CASING AND FIELD WELD A THREE (3) INCH STEEL PIPE AS SHOWN FOR PUMPING CEMENT MORTAR INTO CASING. AFTER MORTAR HAS DRIED, REMOVE BOTH THREE (3) INCH STEEL PIPES.
- INSTALL DUCTBANK BELOW FEEDER 412 AT STA. 2+77 AND BELOW 6" GAS LINE AT STA. 10+24.
- CONSTRUCT NEW DUCTBANK, BETWEEN MANHOLES 1 & 2; SIX (6)-FIVE (5) INCH SCHEDULE 40 PVC CONDUITS ENCASED IN REINFORCED CONCRETE AS PER DETAIL 11, DWG. NO. 4324-P1, AND SHEET 1000-P5.
- FURNISH AND INSTALL 3-500 MCM CONDUCTORS, 15KV RATED FOR EACH OF FEEDERS 340 AND 432. FURNISH AND INSTALL 3-750 MCM, 15KV RATED CONDUCTORS FOR FEEDER 400.
- EXTEND NEW FEEDER 340, 400, AND 432 FROM EXISTING MANHOLE #1 THROUGH EXISTING BASEMENT JUNCTION BOX WITH NO SPLICES.
- EXTEND NEW FEEDERS 340, 400, AND 432 FROM JUNCTION BOX INTO SWITCHGEAR, VIA CABLE TRAY, WITH NO INTERMEDIATE SPLICES BETWEEN THEM.
- OFFSET SIX (6) INCH WATER LINE IF IN CONFLICT WITH NEW DUCTBANK.
- REMOVE 340, 400, AND 432 FEEDERS FROM M.H.#1 TO DPS3 25 HERTZ SWITCHGEAR.

SEWERAGE AND WATER BOARD OF NEW ORLEANS		
1998 CONSTRUCTION OF NEW UNDERGROUND ELECTRICAL DUCTBANK BETWEEN DPS NO.3 AND DPS NO.4		
CONTRACT 6216 & 6229		
DR. JAMES L. RADON	B. Joseph Sullivan	
CH.	GENERAL SUPERINTENDENT	
AP. [Signature]	LAST EDIT 1-22-98	
SCALE AS SHOWN	DWG. No. 4324-P1	
DATE 10-20-97	SHEET NO.	SHEET NO.